

P†PSCÍC,CHCfPeC†C-CИ

**PrP»CИ PjPμPrPëC†PSPsPiPs P·P°CÍC,PsCÍCfPIP°PSPSCИ P»C-PeP°CHCÍCHPePsPiPs
P·P°CÍPsP±Cf**

P•P P†P”PhPќ^{B®}

(ERIDON)

PŸPeP»P°Pr:

PrC-CHC†P° CHPμC†PsPIPëPSP°: CHPëCÍPïPμCHPëPrPsPS;

1 PjP» CHPsP·C†PëPSCf PjC-CÍC,PëC,CH 1 PjPi CHPëCÍPïPμCHPëPrPsPSCf;

*PrPsPiPsPjC-P¶PSC- CHPμC†PsPIPëPSPë: PePëCÍP»PsC,P° PIPëPSPSP°, PePëCÍP»PsC,P°
P±PμPSP·PsPNëPSP° (P• 210), PePëCÍP»PsC,P° C...P»PsCHPëCÍC,PsIPsPrPSPμPIP°, PIPsPrP°
PsC†PëC‰PμPSP°.*

P»C-PeP°CHCÍCHPeP° C,,PsCHPjP°. P PsP·C†PëPS PsCHP°P»CHPSPëPNë.

*PhCÍPSPsPIPS- C,,C-P·PëPePs-C...C-PjC-C†PSC- PIP»P°CÍC,PëPIPsCÍC,C-: PïCHPsP·PsCHPëPNë,
P±PμP·P±P°CHPIPSPëPNë CHPsP·C†PëPS.*

PαP°CHPjP°PePsC,PμCHP°PïPμPIC,PëC†PSP° PiCHCfPïP°.

PhPSC,PëPïCÍPëC...PsC,PëC†PSC- P·P°CÍPsP±Pë. PьPsPr PhPŸPГ N05A X08.

PαP°CHPjP°PePsP»PsPiC-C†PSC- PIP»P°CÍC,PëPIPsCÍC,C-.

PαP°CHPjP°PePsPrPëPSP°PjC-PeP°.

PьPμC...P°PSC-P·Pj PrC-C—. P PëCÍPïPμCHPëPrPsPS вҖ” C†Pμ CÍPμP»PμPeC,PëPIPSPëPNë
PjPsPSPsP°PjC-PSPμCHPiC-C†PSPëPNë P°PSC,P°PiPsPSC-CÍC, P·
CfPSC-PeP°P»CHPSPëPjPë PIP»P°CÍC,PëPIPsCÍC,CИPjPë. P’C-PS PIPëCИPIP»CИC”
PIPëCÍPsPeCf CÍPïPsCHC-PrPSPμPSC-CÍC,CH PrPs
CÍPμCHPsC,PsPSC-PSPμCHPiC-C†PSPëC... 5-HT₂ C- PrPsC,,P°PjC-PSPμCHPiC-C†PSPëC...
D₂-CHPμC†PμPïC,PsCHC-PI. P PëCÍPïPμCHPëPrPsPS P·PIвҖ”™ CИP·CfC”C,CHCÍCИ
C,P°PePsP¶ P· α₁-P°PrCHPμPSPμCHPiC-C†PSPëPjPë CHPμC†PμPïC,PsCHP°PjPë C,P° P·
PjPμPSC€PsCH CÍPïPsCHC-PrPSPμPSC-CÍC,CH вҖ” P· H₁-
PiC-CÍC,P°PjC-PSPμCHPiC-C†PSPëPjPë C,P° α₂-P°PrCHPμPSPμCHPiC-C†PSPëPjPë
CHPμC†PμPïC,PsCHP°PjPë.

P PëCÍPíPµCĤPëPrPsPS PSPµ PjP°C" CÍPíPsCĤC-PrPSPµPSPsCÍC,C- P-
C...PsP»C-PSPµCĤPiC-C†PSPëPjPë CĤPµC†PµPiC,PsCĤP°PjPë. PíPsC†P° CĤPëCÍPíPµCĤPëPrPsPS
C" PíPsC,C†P¶PSPëPj D₂-P°PSC,P°PiPsPSC-CÍC,PsPj, C%Ps PíPsPIBĤ™ CĬP·C†CĤC,CH C-P·
PNëPsPiPs PµC,,PµPeC,PëPIPSC-CÍC,CĤ C%PsPrPs PíCĤPsPrC†PeC,PëPIPSPsC—
CÍPëPjPiC,PsPjP°C,PëPePë CëPëP·PsC,,CĤPµPSC-C—, PIC-PS PSPµ CÍPíCĤPëC†PëPSCĬC"
P·PSP°C†PSPsPiPs PíCĤPëPiPSC-C†PµPSPSCĬ PjPsC,PsCĤPSPsC— P°PeC,PëPIPSPsCÍC,C- C-
PjPµPSCëPsCĤ PjC-CĤPsCĤ C-PSPrC†PeC†C" PeP°C,P°P»PµPíCÍC-CĤ PíPsCĤC-PIPSCĬPSPs P·
C,PëPíPsPIPëPjPë P°PSC,PëPíCÍPëC...PsC,PëC†PSPëPjPë P·P°CÍPsP±P°PjPë.

P—P±P°P»P°PSCÍPsPIP°PSPëPNë C†PµPSC,CĤP°P»CHPSPëPNë P°PSC,P°PiPsPSC-P·Pj PrPs
CÍPµCĤPsC,PsPSC-PSC† C,P° PrPsC,,P°PjC-PSC† P·PjPµPSCëC†C" PNëPjPsPIC-CĤPSC-CÍC,CH
PIPëPSPëPePSPµPSPSCĬ PµPeCÍC,CĤP°PiC-CĤP°PjC-PrPSPëC... PíPsP±C-C†PSPëC...
PµC,,PµPeC,C-PI C- CĤPsP·CëPëCĤCĤC" C,PµCĤP°PíPµPIC,PëC†PSC† PrC-CĤ
PíCĤPµPiP°CĤP°C,C†, C%Ps P·PrP°C,PµPS PIP»PëPIP°C,Pë PSP° PSPµPiP°C,PëPIPSC- C,P°
P°C,,PµPeC,PëPIPSC- CÍPëPjPiC,PsPjPë CëPëP·PsC,,CĤPµPSC-C—.

PαP°CĤPjP°PePsPeC-PSPµC,PëPeP°.

P PëCÍPíPµCĤPëPrPsPS PjPµC,P°P±PsP»C-P·C†C"C,CHCÍCĬ PrPs 9-
PiC-PrCĤPsPeCÍPëCĤPëCÍPíPµCĤPëPrPsPSC†, C%Ps C†PëPSPëC,CH PíPsPrC-P±PSC† PrPs
CĤPëCÍPíPµCĤPëPrPsPSC† C,,P°CĤPjP°PePsP»PsPiC-C†PSC† PrC-CĤ (PrPëPI.
PíC-PrCĤPsP·PrC-P» B«P'C-PsC,CĤP°PSCÍC,,PsCĤPjP°C†C-CĬ C,P° PIPëPIPµPrPµPSPSCĬB»
PSPëP¶C†Pµ).

P'CÍPjPsPeC,C†PIP°PSPSCĬ. P†P¶P° PSPµ PIPiP»PëPIP°C" PSP° P°P±CÍPsCĤP±C†C-CĤ
PíCĤPµPiP°CĤP°C,C†, C,PsPjC† CĤPëCÍPíPµCĤPëPrPsPS PjPsP¶PSP° PíCĤPëP·PSP°C†P°C,Pë
PSPµP·P°P»PµP¶PSPs PIC-Pr PIP¶PëPIP°PSPSCĬ C—P¶C-. PĥP±CÍPsP»CĤC,PSP°
P±C-PsPrPsCÍC,C†PíPSC-CÍC,CH CÍC,P°PSPsPIPëC,CH 66 % C† CëPIPëPrPePëC...
PjPµC,P°P±PsP»C-P·P°C,PsCĤC-PI C- 82 % BĤ" C† PíPsPIC-P»CHPSPëC.... PµC-CÍP»CĬ
PíPµCĤPsCĤP°P»CHPSPsPiPs PíCĤPëPNëPsPjC† CĤPëCÍPíPµCĤPëPrPsPS PíPsPIPSC-CÍC,CĤ
P°P±CÍPsCĤP±C†C"C,CHCÍCĬ C,P° PrPsCÍCĬPiP°C" PjP°PeCÍPëPjP°P»CHPSPsC—
PePsPSC†PµPSC,CĤP°C†C-C— C† PíP»P°P·PjC- PeCĤPsPIC- (PŸ_{max}) PíCĤPsC,CĬPiPsPj 1BĤ"2
PiPsPrPëPS, C† PíP°C†C-C"PSC,C-PI P»C-C,PSCHPsPiPs PIC-PeC† BĤ" PíCĤPsC,CĬPiPsPj
2BĤ"3 PiPsPrPëPS. PĥP±CÍPsP»CĤC,PSP° P±C-PsPrPsCÍC,C†PíPSC-CÍC,CH
CĤPëCÍPíPµCĤPëPrPsPSC† PíCĤPë PíPµCĤPsCĤP°P»CHPSPsPjC† PíCĤPëPNëPsPjC-
CÍC,P°PSPsPIPëC,CH 70 % (CV = 25 %).

P PsP·PíPsPrC-P». P' PsCĤPiP°PSC-P·PjC- PIC-PrP±C†PIP°C"C,CHCÍCĬ CëPIPëPrPePëPNë
CĤPsP·PíPsPrC-P» CĤPëCÍPíPµCĤPëPrPsPSC†. PĥP±BĤ™ C"Pj CĤPsP·PíPsPrC-P»C†
CÍC,P°PSPsPIPëC,CH 1BĤ"2 P»/PePi. PJ PíP»P°P·PjC- PeCĤPsPIC- CĤPëCÍPíPµCĤPëPrPsPS
P·PIBĤ™ CĬP·C†C"C,CHCÍCĬ P· P°P»CHP±C†PjC-PSP°PjPë C,P° α₁-PePëCÍP»PsC,PSPëPjPë
PíP»C-PePsPíCĤPsC,PµC—PSP°PjPë. P— P±C-P»PeP°PjPë PíP»P°P·PjPë
P·PIBĤ™ CĬP·C†C"C,CHCÍCĬ 90 % CĤPëCÍPíPµCĤPëPrPsPSC†, PíCĤPë C†CHPsPjC†
77 % C†C-C"C— PeC-P»CHPePsCÍC,C- PSP°P»PµP¶PëC,CH 9-
PiC-PrCĤPsPeCÍPëCĤPëCÍPíPµCĤPëPrPsPSC†.

P C-PIPSPsPIP°P¶PSP° PePsPSC†PµPSC,CĤP°C†C-CĬ CĤPëCÍPíPµCĤPëPrPsPSC† PI
PsCĤPiP°PSC-P·PjC- C† P±C-P»CHCëPsCÍC,C- PíP°C†C-C"PSC,C-PI PrPsCÍCĬPiP°C"C,CHCÍCĬ
PíCĤPsC,CĬPiPsPj 1 PrPSCĬ. P C-PIPSPsPIP°P¶PSP° PePsPSC†PµPSC,CĤP°C†C-CĬ 9-
PiC-PrCĤPsPeCÍPëCĤPëCÍPíPµCĤPëPrPsPSC† PrPsCÍCĬPiP°C"C,CHCÍCĬ PíCĤPsC,CĬPiPsPj
4BĤ"5 PrC-P±.

P'C-PsC, C₇H₉P^oPSCr₁C₂, PsC₇H₉P^oC₁C-C₁C₂ C, P^o PIPePIPrP_μPSPSC₁C₂. P PēC₁P₁P_μC₇H₉PēPrPsPS
 PjP_μC, P^oP_±PsP»C-P·C₁C₂C, CHC₁C₂C₁ CYP2D6 PrPs
 9-PiC-PrC₇H₉PsPeC₁PēC₇H₉PēC₁P₁P_μC₇H₉PēPrPsPSC₁C₂, C₇H₉Ps C₁PēPSPēC, CH P^oPSP^oP»PsPiC-C₁PSC₁C₂
 PrPs C₇H₉PēC₁P₁P_μC₇H₉PēPrPsPSC₁C₂, P^oC₇H₉P^oPePsP»PsPiC-C₁PSC₁C₂ PrC-C₁C.
 P PēC₁P₁P_μC₇H₉PēPrPsPS C- 9-PiC-PrC₇H₉PsPeC₁PēC₇H₉PēC₁P₁P_μC₇H₉PēPrPsPS
 C₁C, PIPsC₇H₉C₁C₂C, CH, C, P^oPe P·PIP^oPSC₁C₂, P^oPeC, PēPIPSC₁C₂ P^oPSC, PēPiC₁PēC...PsC, PēC₁PSC₁C₂
 C₂, C₇H₉P^oPeC₁C-C₁C. P₁PēC, PsC...C₇H₉PsPj CYP2D6 C^o PsP_±B₇TMC^oPeC, PsPj
 PiP_μPSP_μC, PēC₁PSPsPiPs PiPsP»C-PjPsC₇H₉C, C-P·PjC₁. PēPIPēPrPeC-
 PjP_μC, P^oP_±PsP»C-P·P^oC, PsC₇H₉Pē CYP2D6 CēPIPēPrPePs PiP_μC₇H₉P_μC, PIPsC₇H₉C₁C₂C, CH
 C₇H₉PēC₁P₁P_μC₇H₉PēPrPsPS PSP^o 9-PiC-PrC₇H₉PsPeC₁PēC₇H₉PēC₁P₁P_μC₇H₉PēPrPsPS, C₁C, PsPN₆
 C₁P^oC₁C₁Pe PiPsPIC-P»CH₉PSC- PjP_μC, P^oP_±PsP»C-P·P^oC, PsC₇H₉Pē CYP2D6
 PiP_μC₇H₉P_μC, PIPsC₇H₉C₁C₂C, CH PN₆PsPiPs PSP^oP_±P^oPiP^oC, Ps PiPsPIC-P»CH₉PSC-CēP_μ.
 P₁P_μC₁P^o CēPIPēPrPeC- PjP_μC, P^oP_±PsP»C-P·P^oC, PsC₇H₉Pē PjP^oC₁C, CH PSPēP₁C₁C-
 PePsPSC₁P_μPSC, C₇H₉P^oC₁C-C- C₇H₉PēC₁P₁P_μC₇H₉PēPrPsPSC₁C₂, P^o PIPēC₇H₉C-
 PePsPSC₁P_μPSC, C₇H₉P^oC₁C-C- 9-PiC-PrC₇H₉PsPeC₁PēC₇H₉PēC₁P₁P_μC₇H₉PēPrPsPSC₁C₂, PSC-P₁
 PiPsPIC-P»CH₉PSC-, C₂, P^oC₇H₉P^oPePsPeC-PSP_μC, PēC₁PSP^o PrC-C₁C
 C₇H₉PēC₁P₁P_μC₇H₉PēPrPsPSC₁C₂, P^o 9-PiC-PrC₇H₉PsPeC₁PēC₇H₉PēC₁P₁P_μC₇H₉PēPrPsPSC₁C₂ C^o
 C₇H₉P_μC₁C₁P»CH₉C, P^oC, PsPj C-C... PsP_±B₇TMC^oPrPSP^oPSPsC- PrC-C-,
 PsC₁PeC-P»CH₉PePē, C₁Pe P_±C₁P»Ps P·P^oP·PSP^oC₁P_μPSPs PIPēC₇H₉P_μ, C₁C- PrPIC-
 C₁P₁PsP»C₁PePē C₁C, PIPsC₇H₉C₁C₂C, CH P^oPeC, PēPIPSC₁C₂
 P^oPSC, PēPiC₁PēC...PsC, PēC₁PSC₁C₂, C₇H₉P^oPeC₁C-C₁C. P_μC-C₁P»C₁C
 P·P^oC₁C, PsC₁C₁PIP^oPSPSC₁C₂ PsPrPSC-C^oC- P^oP_±Ps P_±P^oPiP^oC, CH₉PsC... PrPsP·
 P^oPeC, PēPIPSP^o P^oPSC, PēPiC₁PēC...PsC, PēC₁PSP^o C₂, C₇H₉P^oPeC₁C-C₁C C^o
 PsPrPSP^oPePsPIPsC₁C₂ C₁ PiPsPIC-P»CH₉PSPēC... C, P^o CēPIPēPrPePēC...
 PjP_μC, P^oP_±PsP»C-P·P^oC, PsC₇H₉C-PI CYP2D6. P₁PSCēPēPj CēP»C₁C...PsPj
 PjP_μC, P^oP_±PsP»C-P·PjC₁ C₇H₉PēC₁P₁P_μC₇H₉PēPrPsPSC₁C₂ C^o N-
 PrP_μP·P^oP»PeC-P»C₁PIP^oPSPSC₁C₂. P^oPsC₁P»C-PrP₁P_μPSPSC₁C₂ *in vitro* PSP^o
 PjC-PeC₇H₉PsC₁PsPjP^oC... PiP_μC₁C-PSPePē P»C₁PrPēPSPē PIPeP^oP·C₁C₁C, CH PSP^o C, P_μ,
 C₇H₉Ps C₇H₉PēC₁P₁P_μC₇H₉PēPrPsPS C₁ PeP»C-PSC-C₁PSPs P·PSP^oC₁C₁C₁C₁C₁C...
 PePsPSC₁P_μPSC, C₇H₉P^oC₁C-C₁C... C-C₁C, PsC, PSPs PSP_μ C-PSPiC-P_±C₁C^o
 PjP_μC, P^oP_±PsP»C-P·Pj P»C-PeP^oC₇H₉C₁CH₉PePēC... P·P^oC₁PsP_±C-PI, C₇H₉Ps
 PjP_μC, P^oP_±PsP»C-P·C₁C₁C, CHC₁C₂C₁ C-P·PsC₂, P_μC₇H₉PjP_μPSC, P^oPjPē
 C₁PēC, PsC...C₇H₉PsPjC₁ P 450, PIPeP»C₁C₁P^oC₁C₁Pē CYP1P_h2, CYP2P_h6, CYP2P_h8/9/10,
 CYP2D6, CYP2P·1, CYP3P_h4 C, P^o CYP3P_h5. P₁P_μC₇H₉P_μC, PēP₁PrP_μPSC₁C₂ PiC-C₁P»C₁C
 P·P^oC₁C, PsC₁C₁PIP^oPSPSC₁C₂ PiC₇H₉P_μPiP^oC₇H₉P^oC, C₁ 70 % PrPsP·Pē
 PIPēPIPsPrPēC, CHC₁C₂C₁ C-P· C₁P_μC₁P_μC₁, 14 % B₇TM P· PeP^oP»PsPj.
 P₁PsPSC₁P_μPSC, C₇H₉P^oC₁C-C₁C C₇H₉PēC₁P₁P_μC₇H₉PēPrPsPSC₁C₂ C-
 9-PiC-PrC₇H₉PsPeC₁PēC₇H₉PēC₁P₁P_μC₇H₉PēPrPsPSC₁C₂ C₁ C₁P_μC₁C- C₁C, P^oPSPsPIPēC, CH
 35B₇TM45 % PiC₇H₉PēPN₆PSC₁C₂C, PsC- PrPsP·Pē. P₁PSCēC₁C₁P^oC₁C, PēPSC₁C₂
 C₁C, P^oPSPsPIP»C₁C, CH PSP_μP^oPeC, PēPIPSC- PjP_μC, P^oP_±PsP»C-C, Pē. P_μC-C₁P»C₁C
 PiP_μC₇H₉PsC₇H₉P»CH₉PSPsPiPs PiC₇H₉PēPN₆PsPjC₁ C₁ C...PIP_μC₇H₉PēC... PSP^o PiC₁PēC...PsP·
 PiP_μC₇H₉C-PsPr PSP^oPiC-PIIPēPIPrP_μPSPSC₁C₂ PiC₇H₉P_μPiP^oC₇H₉P^oC, C₁
 C₁C, P^oPSPsPIPēC, CH PiC₇H₉PēP_±P»PēP·PSPs 3 PiPsPrPēPSPē. P_μP_μC₇H₉C-PsPr
 PSP^oPiC-PIIPēPIPrP_μPSPSC₁C₂ 9-PiC-PrC₇H₉PsPeC₁PēC₇H₉PēC₁P₁P_μC₇H₉PēPrPsPSC₁C₂ C, P^o
 P^oPeC, PēPIPSPsC- P^oPSC, PēPiC₁PēC...PsC, PēC₁PSPsC- C₂, C₇H₉P^oPeC₁C-C-
 PrPsC₁C₁PiP^oC^o 24 PiPsPrPēPS, P^o C₁ PiP^oC₁C-C^oPSC, C-PI P»C-C, PSC₁PsPiPs PIC-PeC₁
 B₇TM 34 PiPsPrPēPSPē.

P>C-PSC-PN₂PSC-Cl₂C,CH₂. P₂PsPSC†P₂μPSC,CH₂P^oC†C-Cl₂ CH₂PēCl₂PiP₂CH₂PēPrPsPSCr₂ Cr₂
PiP^o»P^o·PjC- PeCH₂PsPIC- PiCH₂PsPiPsCH₂C†C-PN₂PSP^o PrPs PrPsP·Pē PiCH₂P₂PiP^oCH₂P^oC,Cr₂ Cr₂
PjP₂P^o¶P^oC... C,P₂μCH₂P^oPiP₂PIC,PēC†PSPēC... PrPsP^o.

P>C-C,PSC-PN₂ PIC-Pe, PSPēCH₂PePsPIP^o P^oP±Ps PiP₂C†C-PSPePsPIP^o
PSP₂PrPsCl₂C,P^oC,PSC-Cl₂C,CH₂. P₂»P^oCH₂PjP^oPePsPeC-PSP₂μC,PēC†PSC-
PrPsCl₂P>C-PrP^o¶P₂PSPSC₂ CH₂P^o·P₂μPIP₂C— PrPsP·Pē CH₂PēCl₂PiP₂CH₂PēPrPsPSCr₂ PiCH₂Pē
PN₂PsPiPs PiP₂μCH₂PsCH₂P^o»CH₂PSP₂PjCr₂ P·P^oCl₂C,PsCl₂Cr₂PIP^oPSPSC- PiPsPeP^o·P^o»Pē PI
Cl₂P₂μCH₂P₂PrPSCCH₂PsPjCr₂ PSP^o 43 % PIPēC%Cr₂ PePsPSC†P₂μPSC,CH₂P^oC†C-CH₂
P^oPeC,PēPIPSPsC— P^oPSC,PēPiCl₂PēC...PsC,PēC†PSP₂C— C,,CH₂P^oPeC†C-C— Cr₂ PiP^o»P^o·PjC-
PeCH₂PsPIC-, PSP^o 38 % PrPsPICēPēPN₂ PiP₂μCH₂C-PsPr PSP^oPiC-PIPIPēPIP₂PrP₂μPSPSC₂ C,P^o
P·PSPēP^o¶P₂μPSPēPN₂ PSP^o 30 % PeP>C-CH₂P₂μPSC₂ P^oPeC,PēPIPSPsC—
P^oPSC,PēPiCl₂PēC...PsC,PēC†PSP₂C— C,,CH₂P^oPeC†C-C— Cr₂ PiP^oC†C-C”PSC,C-PI
P>C-C,PSCCH₂PsPiPs PIC-PeCr₂.

Pj PrPsCH₂PsCl₂P>PēC... PiP^oC†C-C”PSC,C-PI C-P· PiPsPjC-CH₂PSP₂CH₂ PSPēCH₂PePsPIP₂CH₂
PSP₂PrPsCl₂C,P^oC,PSC-Cl₂C,CH₂ PeP>C-CH₂P₂μPSC₂ P^oPeC,PēPIPSPsC—
P^oPSC,PēPiCl₂PēC...PsC,PēC†PSP₂C— C,,CH₂P^oPeC†C-C— Cl₂C,P^oPSP₂PIPēPI PiCH₂PēP±P>PēP·PSP₂
48 % PIC-Pr P·PSP^oC†P₂μPSPSC₂ PeP>C-CH₂P₂μPSC₂Cr₂ Cr₂ PjPsP>PsPrPēC... P·PrPsCH₂PsPIPēC...
PrPsP±CH₂PsPIP₂»CH₂C†C-PI. Pj PrPsCH₂PsCl₂P>PēC... PiP^oC†C-C”PSC,C-PI C-P· C,Cl₂P^o¶PePsCH₂
PSPēCH₂PePsPIP₂CH₂ PSP₂PrPsCl₂C,P^oC,PSC-Cl₂C,CH₂ PeP>C-CH₂P₂μPSC₂ P^oPeC,PēPIPSPsC—
P^oPSC,PēPiCl₂PēC...PsC,PēC†PSP₂C— C,,CH₂P^oPeC†C-C— Cl₂C,P^oPSP₂PIPēPI PiCH₂PēP±P>PēP·PSP₂
31 % PIC-Pr P·PSP^oC†P₂μPSPSC₂ PeP>C-CH₂P₂μPSC₂Cr₂ Cr₂ PjPsP>PsPrPēC... P·PrPsCH₂PsPIPēC...
PrPsP±CH₂PsPIP₂»CH₂C†C-PI. P₂μP₂μCH₂C-PsPr PSP^oPiC-PIPIPēPIP₂PrP₂μPSPSC₂
P^oPeC,PēPIPSPsC... PjP₂μC,P^oP±PsP>C-C,C-PI Cl₂C,P^oPSP₂PIPēPI 16,7 PiPsPrPēPSPē Cr₂
PrPsCH₂PsCl₂P>PēC... PiP^oC†C-C”PSC,C-PI, 24,9 PiPsPrPēPSPē бґ” Cr₂ PiP^oC†C-C”PSC,C-PI C-P·
PiPsPjC-CH₂PSP₂CH₂ PSPēCH₂PePsPIP₂CH₂ PSP₂PrPsCl₂C,P^oC,PSC-Cl₂C,CH₂ (PiCH₂PēP±P>PēP·PSP₂
Cr₂ 1,5 CH₂P^o·P^o PrPsPICēP₂μ, PSC-P¶ Cr₂ PrPsCH₂PsCl₂P>PēC... PiP^oC†C-C”PSC,C-PI) C,P^o 28,8
PiPsPrPēPSPē бґ” Cr₂ PiP^oC†C-C”PSC,C-PI C-P· C,Cl₂P^o¶PePsCH₂ PSPēCH₂PePsPIP₂CH₂
PSP₂PrPsCl₂C,P^oC,PSC-Cl₂C,CH₂ (PiCH₂PēP±P>PēP·PSP₂ Cr₂ 1,7 CH₂P^o·P^o PrPsPICēP₂μ, PSC-P¶ Cr₂
PrPsCH₂PsCl₂P>PēC... PiP^oC†C-C”PSC,C-PI). P₂μPsPSC†P₂μPSC,CH₂P^oC†C-C—
CH₂PēCl₂PiP₂CH₂PēPrPsPSCr₂ PI PiP^o»P^o·PjC- PeCH₂PsPIC- P±Cr₂P>Pē PSP₂CH₂PjP^o»CH₂PSPēPjPē Cr₂
PiP^oC†C-C”PSC,C-PI C-P· PiP₂μC†C-PSPePsPIP₂CH₂ PSP₂PrPsCl₂C,P^oC,PSC-Cl₂C,CH₂ P^o»P₂μ
Cl₂P₂μCH₂P₂PrPSC₂ PIC-P>CH₂PSP^o C,,CH₂P^oPeC†C-Cl₂ CH₂PēCl₂PiP₂CH₂PēPrPsPSCr₂ Cr₂ PiP^o»P^o·PjC-
PeCH₂PsPIC- P±Cr₂P>P^o P·P±C-P>CH₂CēP₂μPSP^o PSP^o 37,1 %.

P₂μ»C-CH₂P₂μPSC₂ PiC-Cl₂P>C₂ PiP₂μCH₂PsCH₂P^o»CH₂PSP₂PiPs P·P^oCl₂C,PsCl₂Cr₂PIP^oPSPSC₂ C,P^o
PiP₂μCH₂C-PsPr PSP^oPiC-PIPIPēPIP₂PrP₂μPSPSC₂ CH₂PēCl₂PiP₂CH₂PēPrPsPSCr₂ C- PN₂PsPiPs
P^oPeC,PēPIPSPsC... PjP₂μC,P^oP±PsP>C-C,C-PI Cr₂ PrPsCH₂PsCl₂P>PēC... PiP^oC†C-C”PSC,C-PI P·
PiPsPjC-CH₂PSP₂CH₂ P^oP±Ps C,Cl₂P^o¶PePsCH₂ PiP₂μC†C-PSPePsPIP₂CH₂
PSP₂PrPsCl₂C,P^oC,PSC-Cl₂C,CH₂ Cl₂Cr₂C,C,C”PIPs PSP₂μ PIC-PrCH₂C-P·PSC₂¶P>PēCl₂Cl₂ PIC-Pr
C†PēC... PiP^oCH₂P^oPjP₂μC,CH₂C-PI Cr₂ P·PrPsCH₂PsPIPēC... PrPsP±CH₂PsPIP₂»CH₂C†C-PI.

P”C-C,Pē. P₂»P^oCH₂PjP^oPePsPeC-PSP₂μC,PēPeP^o CH₂PēCl₂PiP₂CH₂PēPrPsPSCr₂, 9-
PiC-PrCH₂PsPeCl₂PēCH₂PēCl₂PiP₂CH₂PēPrPsPSCr₂ C,P^o P^oPeC,PēPIPSPsC—
P^oPSC,PēPiCl₂PēC...PsC,PēC†PSP₂C— C,,CH₂P^oPeC†C-C— Cr₂ PrC-C,P₂μPN₂ PiPsPrC-P±PSP^o PrPs
C,P^oPePsC— Cr₂ PrPsCH₂PsCl₂P>PēC....

PŸC,P^oC,CH₂, CH₂P^oCl₂P^o C,P^o PeCr₂CH₂C-PSPSC₂. P₂μPsPiCr₂P>C₂Cl₂C-PN₂PSPēPN₂
C,,P^oCH₂PjP^oPePsPeC-PSP₂μC,PēC†PSPēPN₂ P^oPSP^o»C-P· PSP₂μ PIPēC₂PIPIPI PIP^o»PēPICr₂
Cl₂C,P^oC,C-, CH₂P^oCl₂Pē C†Pē PeCr₂CH₂C-PSPSC₂ PSP^o C,,P^oCH₂PjP^oPePsPeC-PSP₂μC,PēPeCr₂
CH₂PēCl₂PiP₂CH₂PēPrPsPSCr₂ P^oP±Ps P^oPeC,PēPIPSPsC— P^oPSC,PēPiCl₂PēC...PsC,PēC†PSP₂C—

C,,CᄁP°PeC†C-C—.

РЉР»C-PSC-C‡PSC- C...P°CᄁP°PeC,РμCᄁPᄁC†C,РᄁPePᄁ.

РμPsPeP°P·P°PSPSCᄁ.

Р"Р»Cᄁ Р»C-PeC†PIP°PSPSCᄁ CᄁPᄁP·PsC,,CᄁРμPSC-C—.

Р"Р»Cᄁ Р»C-PeC†PIP°PSPSCᄁ РјР°PSC-P°PeP°P»CHᄁPSPᄁC... РμPᄁC-P·PsPrC-PI PIC-Pr PᄁPsPjC-CᄁPSPsPᄁPs PrPs C,CᄁPᄁPePsPᄁPs C†C,C†PᄁPμPSCᄁ PᄁCᄁPᄁ P±C-PᄁPsP»CᄁCᄁPSPᄁC... CᄁPᄁP·P»P°PrP°C....

Р"Р»Cᄁ PePsCᄁPsC,PePsC‡P°C†PSPsPᄁPs Р»C-PeC†PIP°PSPSCᄁ (PrPs 6 C,PᄁPᄁPSC-PI) PIPᄁCᄁP°PᄁPμPSPsC— P°PᄁCᄁPμC†C-C— C† PᄁP°C†C-C"ᄁPSC,C-PI P· PrPμPjPμPSC†C-C"CH P°P»CHC†PᄁPμPᄁPjPμCᄁC-PIC†CHᄁPePsPᄁPs C,PᄁPᄁC† PIC-Pr PᄁPsPjC-CᄁPSPsPᄁPs PrPs C,CᄁPᄁPePsPᄁPs C†C,C†PᄁPμPSCᄁ PᄁCᄁPᄁ C-C†PSC†PIP°PSPSC- P·P°PᄁCᄁPsP·Pᄁ P·P°PᄁPsPrC-CᄁPSPSCᄁ CᄁPePsPrPᄁ C†PsP±C- C‡Pᄁ C-PSCᄁPᄁPj C,P° PᄁCᄁPᄁ PIC-PrC†C†C,PSPsC†C,C- PIC-PrPᄁPsPIC-PrC- PSP° PSPμC,,P°CᄁPjP°PePsP»PsPᄁC-C‡PSC- PjPμC,PsPrPᄁ Р»C-PeC†PIP°PSPSCᄁ (PrPᄁPI. CᄁPsP·PrC-P»Pᄁ B«PᄁPᄁPsC†C-P± P·P°C†C,PsC†C†PIP°PSPSCᄁ C,P° PrPsP·PᄁB» Pᄁ B«PᄁC†PsP±P»PᄁPᄁPsC†C,C- P·P°C†C,PsC†C†PIP°PSPSCᄁB»).

Р"Р»Cᄁ C†PᄁPjPᄁC,PsPjP°C,PᄁC‡PSPsPᄁPs PePsCᄁPsC,PePsC†C,CᄁPsPePsPIPᄁPs Р»C-PeC†PIP°PSPSCᄁ (PrPs 6 C,PᄁPᄁPSC-PI) PIPᄁCᄁP°PᄁPμPSPsC— P°PᄁCᄁPμC†C-C— PᄁCᄁPᄁ CᄁPsP·P»P°PrP°C... PᄁPsPIPμPrC-PSPᄁPᄁ C† PrC-C,PμPᄁ PIC-PePsPj PIC-Pr 5 CᄁPsPeC-PI C,P° PᄁC-PrP»C-C,PeC-PI P· CᄁPsP·C†PjPsPIPᄁPj CᄁPsP·PIPᄁC,PePsPj PSPᄁPᄁC‡Pμ C†PμCᄁPμPrPSCᄁPsPᄁPs P°P±Ps CᄁPsP·C†PjPsPIPᄁPs PIC-PrC†C,P°P»C-C†C,CH, PrC-P°PᄁPSPsC†C,PsPIP°PSPsCH P·P° PeCᄁPᄁC,PμCᄁC-CᄁPjPᄁ DSM-IV, C† CᄁPePᄁC... C,CᄁPᄁPeC-C†C,CH P°PᄁCᄁPμC†PᄁPIPSPsC— P°P±Ps C-PSCᄁPsC— PrPμC†C,CᄁC†PeC,PᄁPIPSPsC— PᄁPsPIPμPrC-PSPᄁPᄁ PIPᄁPjP°PᄁP°C" C,,P°CᄁPjP°PePsP»PsPᄁC-C‡PSPsPᄁPs Р»C-PeC†PIP°PSPSCᄁ. PᄁP°CᄁPjP°PePsP»PsPᄁC-C‡PSPμ Р»C-PeC†PIP°PSPSCᄁ PᄁPsPIPᄁPSPSPs P±C†C,Pᄁ PSPμPIC-Prᄁᄁ™ C"ᄁPSPsCH C‡P°C†C,PᄁPSPsCH PePsPjPᄁP»PμPeC†PSPsC— PᄁCᄁPsPᄁCᄁP°PjPᄁ Р»C-PeC†PIP°PSPSCᄁ, C%ᄁPs PIPᄁP»CHC‡P°C" PᄁC†PᄁC...PsP»PsPᄁC-C‡PSC† PᄁC-PrC,CᄁPᄁPjPeC† C,P° PIPᄁC...PsPIPSC- P·P°C...PsPrPᄁ. P РμPePsPjPμPSPrC†C"C,CHC†Cᄁ, C%ᄁPsP± Р»C-PeP°CᄁC†CHᄁPePᄁPᄁ P·P°C†C-P± P·CᄁC-PrPsPS^B PᄁCᄁPᄁP·PSP°C‡P°PI C,,P°C...C-PIPμC†CH C† PᄁP°P»C†P·C- PrPᄁC,CᄁC‡PsC— PSPμPICᄁPsP»PsPᄁC-C—, PrPᄁC,CᄁC‡PsC— C,P° PᄁC-PrP»C-C,PePsPIPᄁC— PᄁC†PᄁC...C-P°C,CᄁC-C— P°P±Ps Р»C-PeP°Cᄁ, CᄁPePᄁPᄁ PjP°C" PrPsC†PIC-Pr Р»C-PeC†PIP°PSPSCᄁ PᄁPsPIPμPrC-PSPᄁPsPIPᄁC... PᄁPsCᄁC†CᄁPμPSCᄁ C† PrC-C,PμPᄁ C,P° PᄁC-PrP»C-C,PeC-PI.

РμCᄁPsC,PᄁPᄁPsPeP°P·P°PSPSCᄁ.

Р"C-PᄁPμCᄁC‡C†C,P»PᄁPIC-C†C,CH PrPs P°PeC,PᄁPIPSPsPᄁPs PePsPjPᄁPsPSPμPSC,P° P°P±Ps PrPs P±C†PrCHᄁ-CᄁPePsC— P· PrPsPᄁPsPjC-PᄁPSPᄁC... CᄁPμC‡PsPIPᄁPs Р»C-PeP°CᄁC†CHᄁPePsPᄁPs P·P°C†PsP±C†. Р"РμPjPμPSC†C-Cᄁ C,P° C†PᄁPjPᄁC,PsPjPᄁ

C...PIPsC₇PsP±Pë P₄P°C₇PeC-PSCÍPsPSP° (C₇PëPiC-PrPSC-CÍC,CH, P±C₇P°PrPëPeC-PSP₄P·C-CÍ C,P° PíP°C₇PeC-PSCÍPsPSC-C±PSC-PíPsC₇CíC€P₄PSPSCÍ PíPsCÍC,P°PIPë). P°P₄PjP₄PSC†C-CÍ C,P° PíC-PrPsP·C₇P° PSP° PrP₄PjP₄PSC†C-C₇ P· C,C-P»CHC†CÍPjPë P>P₄PIC- (PsPeC₇C-Pj CÍPëPjPíC,PsPjC-PI PrP₄PjP₄PSC†C-C— C%₀PsPSP°PN₂PjP₄PSC€P₄ PrPIP° P· C,P°PePëC... CÍPëPjPíC,PsPjC-PI: PíP°C₇PeC-PSCÍPsPSC-P·Pj, PIC-P·CíP°P»CHPSC-PíP°P»CHC†PëPSP°C†C-C—, C...PëC,PeC-CÍC,CH C...PsPrPë).

P'P·P°C''PjPsPrC-CÍ P· C-PSC€PëPjPë P»C-PeP°C₇CÍCHPePëPjPë P·P°CÍPsP±P°PjPë C,P° C-PSC€C- PIPëPrPë PIP·P°C''PjPsPrC-PN₂.

P₄P°C₇PjP°PePsPrPëPSP°PjC-C±PSC- PIP·P°C''PjPsPrC-C—

P>C-PeP°C₇CÍCHPeC- P·P°CÍPsP±Pë, P·PrP°C,PSC- PíPsPrPsPIP¶CáPIP°C,Pë C-PSC,P₄C₇PIP°P» QT

PíPe C- PíC₇Pë P·P°CÍC,PsCÍCíPIP°PSPSC- C-PSC€PëC... P°PSC,PëPíCÍPëC...PsC,PëPeC-PI, CÍP»C-Pr PrPsC,C₇PëPjCíPIP°C,PëCÍCÍ PsP±P₄C₇P₄P¶PSPsCÍC,C- PíC₇Pë PíC₇PëP·PSP°C±P₄PSPSC- C₇PëCÍPíP₄C₇PëPrPsPSCí P· P>C-PeP°C₇CÍCHPePëPjPë P·P°CÍPsP±P°PjPë, CÍPeC- PíPsPrPsPIP¶CíC₇C,CH C-PSC,P₄C₇PIP°P» QT, PSP°PíC₇PëPeP»P°Pr P· P°PSC,PëP°C₇PëC,PjC-C±PSPëPjPë PíC₇P₄PíP°C₇P°C,P°PjPë (C,P°PePëPjPë CÍPe C...C-PSC-PrPëPS, PrPëP·PsPíC-C₇P°PjC-Pr, PíC₇PsPeP°C—PSP°PjC-Pr, PíC₇PsPíP°C,,P₄PSPsPS, P°PjC-PsPrP°C₇PsPS, CÍPsC,P°P»PsP»), C,C₇PëC†PëPeP»C-C±PSPëPjPë P°PSC,PëPrP₄PíC₇P₄CÍP°PSC,P°PjPë (P·PsPeC₇P₄PjP° P°PjC-C,C₇PëPíC,PëP»C-PS), C,P₄C,C₇P°C†PëPeP»C-C±PSPëPjPë P°PSC,PëPrP₄PíC₇P₄CÍP°PSC,P°PjPë (P·PsPeC₇P₄PjP° PjP°PíC₇PsP»C-C,PëPS), PrP₄CÍPePëPjPë P°PSC,PëPíC-CÍC,P°PjC-PSPSPëPjPë PíC₇P₄PíP°C₇P°C,P°PjPë, C-PSC€PëPjPë P°PSC,PëPíCÍPëC...PsC,PëPeP°PjPë, PrP₄CÍPePëPjPë PíC₇PsC,PëPjP°P»CÍC₇C-PN₂PSPëPjPë P·P°CÍPsP±P°PjPë (C...C-PSC-PSPsPj, PjP₄C,,P»PsC...C-PSPsPj), P· PíC₇P₄PíP°C₇P°C,P°PjPë, CÍPeC- PíPsC₇CíC€CíC₇C,CH P₄P»P₄PeC,C₇PsP»C-C,PSPëPN₂ P±P°P»P°PSCÍ (PIPëPeP»PëPeP°C₇C,CH PíC-PíPsPeP°P»C-C''PjC-C₇, PíC-PíPsPjP°PíPSP₄P·C-C''PjC-C₇), PIPëPeP»PëPeP°C₇C,CH P±C₇P°PrPëPeP°C₇PrC-C₇, C±Pë C-P· P·P°CÍPsP±P°PjPë, CÍPeC- PíC₇PëPíPSC-C±CíC₇C,CH PíP₄C†C-PSPePsPIPëPN₂ PjP₄C,P°P±PsP»C-P·Pj C₇PëCÍPíP₄C₇PëPrPsPSCí. PíP₄PN₂ PíP₄C₇P₄P»C-Pe C'' PsC₇C-C''PSC,PsPIPSPëPj C,P° PSP₄ PíPsPIPSPëPj.

P>C-PeP°C₇CÍCHPeC- P·P°CÍPsP±Pë C†P₄PSC,C₇P°P»CHPSPsC— PrC-C— C,P° P°P»PePsPiPsP»CH

P PëCÍPíP₄C₇PëPrPsPS CÍP»C-Pr P· PsP±P₄C₇P₄P¶PSC-CÍC,C₇ P·P°CÍC,PsCÍPsPICíPIP°C,Pë Cí PePsPjP±C-PSP°C†C-C— P· C-PSC€PëPjPë CÍCíP±CÍC,P°PSC†C-CÍPjPë C†P₄PSC,C₇P°P»CHPSPsC— PrC-C—, Cí C,PsPjCí C±PëCÍP»C- P· P°P»PePsPiPsP»P₄Pj, PsPíC-P°C,P°PjPë, P°PSC,PëPíC-CÍC,P°PjC-PSPSPëPjPë P·P°CÍPsP±P°PjPë C,P° P±P₄PSP·PsPrC-P°P·P₄PíC-PSP°PjPë, C±P₄C₇P₄P· PíC-PrPIPëC%₀P₄PSPëPN₂ C₇PëP·PëPe CÍP₄PrP°C†C-C—.

P>P₄PIPPrPsPíP° C,P° P°PiPsPSC-CÍC,Pë PrPsPíP°PjC-PSCá

P PëCÍPíP₄C₇PëPrPsPS PjPsP¶P₄ PIPëCÍPIP»CÍC,Pë P°PSC,P°PiPsPSC-CÍC,PëC±PSC-

PμC,,PμPeC,Pë PrPs P»PμPIPsPrPsPİPë C,P° C-PSC€PëC... P°PSC,P°PiPsPSC-CÍC,C-PI
PrPsPİP°PjC-PSCr. PİPeC%Ps C,P°PeP° PePsPjP±C-PSP°C†C-Cı PİPİP°P¶P°C”C,CHCÍCı
PSPμPsP±C...C-PrPSPsCñ, PsCÍPsP±P»PëPIPs Cr C,PμCñPjC-PSP°P»CHPSC-PNë CÍC,P°PrC-C—
C...PIPsCñPsP±Pë PμP°CñPeC-PSCÍPsPSP°, PİPsC,CñC-P±PSPs PİCñPëP·PSP°C†P°C,Pë
PSP°PNëPjPμPSC€C- PμC,,PμPeC,PëPIPSC- PrPsP·Pë PePsP¶PSPsPiPs P· PİCñPμPİP°CñP°C,C-PI.

P>C-PeP°CñCÍCHPeC- P·P°CÍPsP±Pë P· PiC-PİPsC,PμPSP·PëPIPSPsCñ PrC-C”Cñ

PJ PİPsCÍC,PjP°CñPePμC,PëPSPiPsPIPsPjCr PİPμCñC-PsPrC- CÍPİPsCÍC,PμCñC-PiP°P»PëCÍCı
PİPëPİP°PrPePë PeP»C-PSC-C†PSPs P·PSP°C†CrC%PsC— P°CñC,PμCñC-P°P»CHPSPsC—
PiC-PİPsC,PμPSP·C-C— PİCñPë PsPrPSPsC†P°CÍPSPsPjCr P·P°CÍC,PsCÍCrPİP°PSPSC-
CñPëCÍPİPμCñPëPrPsPSCr C,P° P°PSC,PëPiC-PİPμCñC,PμPSP·PëPIPSPëC...
P»C-PeP°CñCÍCHPePëC... P·P°CÍPsP±C-PI.

PμCÍPëC...PsCÍC,PëPjCáP»CıC,PsCñPë

PñPrPSPsC†P°CÍPSPμ P·P°CÍC,PsCÍCrPİP°PSPSCı PİCÍPëC...PsCÍC,PëPjCrP»CıC,PsCñC-PI
(PSP°PİCñPëPeP»P°Pr, PjPμC,PëP»C,,PμPSC-PrP°C,Cr) P· CñPëCÍPİPμCñPëPrPsPSPsPj PjPsP¶Pμ
PİCñPëP·PİPμCÍC,Pë PrPs PİPsCıPİPë PμPeCÍC,CñP°PİC-CñP°PjC-PrPSPëC...
CÍPëPjPiC,PsPjC-PI PİC-CÍP»CıC PePsCñPëPiCrPİP°PSPSCı PrPsP·Pë PsPrPSPsPiPs P°P±Ps
PsP±PsC... PİCñPμPİP°CñP°C,C-PI (PrPëPI. CñPsP·PrC-P» B«PñCÍPsP±P»PëPIPsCÍC,C-
P·P°CÍC,PsCÍCrPİP°PSPSCıB»).

PμP°P»C-PİPμCñPëPrPsPS

PkPμ CñPμPePsPjPμPSPCrC”C,CHCÍCı PsPrPSPsC†P°CÍPSPμ PİPμCñPsCñP°P»CHPSPμ
P·P°CÍC,PsCÍCrPİP°PSPSCı CñPëCÍPİPμCñPëPrPsPSCr P· PİP°P»C-PİPμCñPëPrPsPSPsPj,
PsCÍPeC-P»CHPePë PİP°P»C-PİPμCñPëPrPsPS C” P°PeC,PëPIPSPëPj PjPμC,P°P±PsP»C-C,PsPj
CñPëCÍPİPμCñPëPrPsPSCr, C- C—C... PePsPjP±C-PSP°C†C-Cı PjPsP¶Pμ PİCñPëP·PİPμCÍC,Pë
PrPs PrPsPrP°C,PePsPIPsPiPs PİPİP»PëPICr P°PeC,PëPIPSPsC—
P°PSC,PëPİCÍPëC...PsC,PëC†PSPsC— C,,CñP°PeC†C-C—.

PαP°CñPjP°PePsPeC-PSPμC,PëC†PSC- PİP·P°C”PjPsPrC-C—

P·P¶PëPIP°PSPSCı C—P¶C- PSPμ PİPİP»PëPIP°C” PSP° P°P±CÍPsCñP±C†C-Cñ
CñPëCÍPİPμCñPëPrPsPSCr.

P PëCÍPİPμCñPëPrPsPS PİPμCñPμPİP°P¶PSPs PjPμC,P°P±PsP»C-P·CrC”C,CHCÍCı P·P°
PrPsPİPsPjPsPiPsCñ CYP2D6 C- PjPμPSC€PsCñ PjC-CñPsCñ Bñ” P·P° PrPsPİPsPjPsPiPsCñ
CYP3A4. P PëCÍPİPμCñPëPrPsPS C- PNëPsPiPs P°PeC,PëPIPSPëPNë PjPμC,P°P±PsP»C-C,, 9-
PiC-PrCñPsPeCÍPëCñPëCÍPİPμCñPëPrPsPS, C” CÍCrP±CÍC,CñP°C,P°PjPë P -
PiP»C-PePsPİCñPsC,PμC—PSCr (P-gp). P PμC†PsPİPëPSPë, C%Ps P·PjC-PSCñCñC,CH
P°PeC,PëPIPSC-CÍC,CH CYP2D6 P°P±Ps PİPëCÍC,CrPİP°CñC,CH PİPsC,CrP¶PSPëPjPë
C-PSPiC-P±C-C,PsCñP°PjPë C†Pë C-PSPCrPëC,PsCñP°PjPë CYP3A4 C,P°/P°P±Ps
P°PeC,PëPIPSPsCÍC,C- P-gp, PjPsP¶CÍC,CH PİPİP»PëPIP°C,Pë PSP°
C,,P°CñPjP°PePsPeC-PSPμC,PëPeCr P°PeC,PëPIPSPsC— P°PSC,PëPİCÍPëC...PsC,PëC†PSPsC—
C,,CñP°PeC†C-C— CñPëCÍPİPμCñPëPrPsPSCr.

PμPsC,CáP¶PSC- C-PSPiC-P±C-C,PsCñPë CYP2D6

PμCñPë PsPrPSPsC†P°CÍPSPsPjCr P·P°CÍC,PsCÍCrPİP°PSPSC- CñPëCÍPİPμCñPëPrPsPSCr C-P·
PİPsC,CrP¶PSPëPjPë C-PSPiC-P±C-C,PsCñP°PjPë CYP2D6 PjPsP¶P»PëPIPμ

P·P±C-P»CHC€PµPSPSCΠ PePsPSC†PµPSC, CḡP°C†C-C— CḡPëCÍPîPµCḡPëPrPsPSCr PI
PîP»P°P·PjC- PeCḡPsPIC-, PîCḡPsC,Pµ PePsPSC†PµPSC, CḡP°C†C-CΠ P°PeC, PëPIPSPsC—
P°PSC, PëPîCÍPëC...PsC, PëC‡PSPsC— C,, CḡP°PeC†C-C— PîC-PrPIPëC‰CÍC”C, CHCÍCΠ PSPµ
C,P°Pe CÍCÍC,C,C”PIPs. PµCḡPë P·P°CÍC, PsCÍCÍPIP°PSPSC- PIPëCÍPsPePëC... PrPsP·
PîPsC,CrP¶PSPsPiPs C-PSPiC-P±C-C, PsCḡP° CYP2D6 PjPsP¶Pµ CÍPîPsCÍC,PµCḡC-PiP°C, PëCÍCΠ
P·P±C-P»CHC€PµPSPSCΠ PePsPSC†PµPSC, CḡP°C†C-C— P°PeC, PëPIPSPsC—
P°PSC, PëPîCÍPëC...PsC, PëC‡PSPsC— C,, CḡP°PeC†C-C— CḡPëCÍPîPµCḡPëPrPsPSCr
(PSP°PîCḡPëPeP»P°Pr, PîP°CḡPsPeCÍPµC, PëPS, PrPëPI. PrP°P»C-). PhC‡C-PeCÍC”C, CHCÍCΠ,
C‰Ps C-PSC€C- C-PSPiC-P±C-C, PsCḡPë CYP2D6, PSP°PîCḡPëPeP»P°Pr C...C-PSC-PrPëPS,
C,P°PePsP¶ P·PrP°C, PSC- P°PSP°P»PsPiC-C‡PSPëPj C‡PëPSPsPj PIPîP»PëPIP°C, Pë PSP°
PîP»P°P·PjPsPIC- PePsPSC†PµPSC, CḡP°C†C-C— CḡPëCÍPîPµCḡPëPrPsPSCr. PkP° PîPsC‡P°C, PeCÍ
P°P±Ps PîCḡPë PîCḡPëPîPëPSPµPSPSC- PsPrPSPsC‡P°CÍPSPsPiPs P·P°CÍC, PsCÍCÍPIP°PSPSCΠ
PîP°CḡPsPeCÍPµC, PëPSCr, C...C-PSC-PrPëPSCr P°P±Ps C-PSC€PsPiPs PîPsC,CrP¶PSPsPiPs
C-PSPiC-P±C-C, PsCḡP° CYP2D6, PsCÍPsP±P»PëPIPs Cr PIPëCÍPsPePëC... PrPsP·P°C...,
P»C-PeP°Cḡ PîPsPIPëPSPµPS PîPµCḡPµPiP»CΠPSCrC, Pë PrPsP·CÍ CḡPëCÍPîPµCḡPëPrPsPSCr.

P†PSPiC-P±C-C, PsCḡPë CYP3A4 C,P°/P°P±Ps P-gp

PµCḡPë PsPrPSPsC‡P°CÍPSPsPjCr P·P°CÍC, PsCÍCÍPIP°PSPSC- CḡPëCÍPîPµCḡPëPrPsPSCr C-P·
PîPsC,CrP¶PSPëPjPë C-PSPiC-P±C-C, PsCḡP°PjPë CYP3A4 C,P°/P°P±Ps P-gp PjPsP¶P»PëPIPµ
P·PSP°C‡PSPµ PîC-PrPIPëC‰PµPSPSCΠ PePsPSC†PµPSC, CḡP°C†C-C— PI PîP»P°P·PjC-
PeCḡPsPIC- P°PeC, PëPIPSPsC— P°PSC, PëPîCÍPëC...PsC, PëC‡PSPsC— C,, CḡP°PeC†C-C—
CḡPëCÍPîPµCḡPëPrPsPSCr. PkP° PîPsC‡P°C, PeCÍ P°P±Ps PîCḡPë PîCḡPëPîPëPSPµPSPSC-
PsPrPSPsC‡P°CÍPSPsPiPs P·P°CÍC, PsCÍCÍPIP°PSPSCΠ C-C, CḡP°PePsPSP°P·PsP»Cr P°P±Ps
C-PSC€PëC... PîPsC,CrP¶PSPëC... C-PSPiC-P±C-C, PsCḡC-PI CYP3A4 C,P°/P°P±Ps P-gp
P»C-PeP°Cḡ PîPsPIPëPSPµPS PîPµCḡPµPiP»CΠPSCrC, Pë PrPsP·CÍ CḡPëCÍPîPµCḡPëPrPsPSCr.

P†PSPrCáPeC, PsCḡPë CYP3A4 C,P°/P°P±Ps P-gp

PµCḡPë PsPrPSPsC‡P°CÍPSPsPjCr P·P°CÍC, PsCÍCÍPIP°PSPSC- CḡPëCÍPîPµCḡPëPrPsPSCr C-P·
PîPsC,CrP¶PSPëPjPë C-PSPrCÍPeC, PsCḡP°PjPë CYP3A4 C,P°/P°P±Ps P-gp PjPsP¶P»PëPIPµ
P·PSPëP¶PµPSPSCΠ PePsPSC†PµPSC, CḡP°C†C-C— P°PeC, PëPIPSPsC—
P°PSC, PëPîCÍPëC...PsC, PëC‡PSPsC— C,, CḡP°PeC†C-C— CḡPëCÍPîPµCḡPëPrPsPSCr PI
PîP»P°P·PjC- PeCḡPsPIC-. PkP° PîPsC‡P°C, PeCÍ P°P±Ps PîCḡPë PîCḡPëPîPëPSPµPSPSC-
P·P°CÍC, PsCÍCÍPIP°PSPSCΠ PeP°CḡP±P°PjP°P·PµPîC-PSCr C‡Pë C-PSC€PëC...
PîPsC,CrP¶PSPëC... C-PSPrCÍPeC, PsCḡC-PI CYP3A4 C,P°/P°P±Ps P -
PiP»C-PePsPîCḡPsC,PµC—PSCr P»C-PeP°Cḡ PîPsPIPëPSPµPS PîPµCḡPµPiP»CΠPSCrC, Pë
PrPsP·CÍ CḡPëCÍPîPµCḡPëPrPsPSCr. P·C,, PµPeC, P·P°CÍC, PsCÍCÍPIP°PSPSCΠ
C-PSPrCÍPeC, PsCḡC-PI CYP3A4 PîCḡPsCΠPIP»CΠC”C, CHCÍCΠ P·P°P»PµP¶PSPs PIC-Pr
C‡P°CÍCÍ, PîCḡPë C†CHPsPjCr PjP°PeCÍPëPjP°P»CHPSPëPNµ PµC,, PµPeC,
PrPsCÍCΠPiP°C”C, CHCÍCΠ C‰PsPSP°PNµPjPµPSC€Pµ C‡PµCḡPµP· 2 C, PëP¶PSC- PîC-CÍP»CΠ
PîPsC‡P°C, PeCÍ P·P°CÍC, PsCÍCÍPIP°PSPSCΠ. PhPSP°P»PsPiC-C‡PSPëPj C‡PëPSPsPj PîC-CÍP»CΠ
PîCḡPëPîPëPSPµPSPSCΠ P»C-PeCÍPIP°PSPSCΠ C-PSPrCÍPeC†C-CΠ CYP3A4 PjPsP¶Pµ
P·P±PµCḡC-PiP°C, PëCÍCΠ PIPîCḡPsPrPsPIP¶ PjC-PSC-PjCÍPj 2 C, PëP¶PSC-PI.

*P>C-PeP°CḡCÍCHPeC- P·P°CÍPsP±Pë, C‰Ps P·PSP°C‡PSPsCḡ PjC-CḡPsCḡ
P·PIbḡ™ CΠP·CáCḡC, CHCÍCΠ P· P±C-P»PeP°PjPë PîP»P°P·PjPë*

PµCḡPë P·P°CÍC, PsCÍCÍPIP°PSPSC- CḡPëCÍPîPµCḡPëPrPsPSCr CḡP°P·PsPj C-P·
PîCḡPµPîP°CḡP°C, P°PjPë, C‰Ps P·PSP°C‡PSPsCḡ PjC-CḡPsCḡ P·PIbḡ™ CΠP·CáCḡC, CHCÍCΠ P·
P±C-P»PeP°PjPë PîP»P°P·PjPë, PSPµ PIC-PrP±CÍPIP°C”C, CHCÍCΠ PeP»C-PSC-C‡PSPs
P·PSP°C‡CÍC‰PsPiPs P·P°PjC-C‰PµPSPSCΠ PsPrPSPsPiPs P»C-PeP°CḡCÍCHPePsPiPs

$P \cdot P^{\circ} C \Gamma P s P \pm C r \ P S P^{\circ} \ C - P S C \epsilon P \ddot{e} P N_{\epsilon} \ C r \ P \cdot P I B \tilde{H}^{\text{TM}} \ C \dot{I} P \cdot P e P^{\circ} C \dots \ P \cdot \ P \pm C - P \gg P e P^{\circ} P j P \ddot{e} \ P \ddot{I} P \gg P^{\circ} P \cdot P j P \ddot{e}.$

$P j \ C \tilde{H} P^{\circ} P \cdot C - \ P s P r P S P s C \ddagger P^{\circ} C \Gamma P S P s P i P s \ P \cdot P^{\circ} C \Gamma C, P s C \Gamma C r P I P^{\circ} P S P S C \dot{I} \ P r P_{\mu} P e C - P \gg C \tilde{H} P e P s C \dots$
 $P \gg C - P e P^{\circ} C \tilde{H} C \Gamma C \tilde{H} P e P \ddot{e} C \dots \ P \cdot P^{\circ} C \Gamma P s P \pm C - P I \ P S P_{\mu} P s P \pm C \dots C - P r P S P s \ P s P \cdot P S P^{\circ} P N_{\epsilon} P s P j P \ddot{e} C, P \ddot{e} C \Gamma C \dot{I}$
 $P \cdot \ C - P S C \Gamma C, C \tilde{H} C r P e C \dagger C - C^{\text{TM}} \ C \tilde{H} \ P r P \gg C \dot{I} \ P j P_{\mu} P r P \ddot{e} C \ddagger P S P s P i P s \ P \cdot P^{\circ} C \Gamma C, P s C \Gamma C r P I P^{\circ} P S P S C \dot{I}$
 $C \% P s P r P s \ C \epsilon P \gg C \dot{I} C \dots C - P I \ C - C \dots \ P j P_{\mu} C, P^{\circ} P \pm P s P \gg C - P \cdot P j C r \ C, P^{\circ} \ P j P s P \P P \gg P \ddot{e} P I P s C -$
 $P \ddot{I} P s C, C \tilde{H} P_{\mu} P \pm P \ddot{e} \ C r \ P e P s C \tilde{H} P \ddot{e} P i C r P I P^{\circ} P S P S C - \ P r P s P \cdot.$

$P^{\text{TM}} C - C, P \ddot{e}$

$P^{\text{TM}} P s C \Gamma P \gg C - P r P \P P_{\mu} P S P S C \dot{I} \ P I P \cdot P^{\circ} C^{\text{TM}} P j P s P r C - C - \ P i C \tilde{H} P s P I P s P r P \ddot{e} P \gg P \ddot{e} C \Gamma C \dot{I} \ P \gg P \ddot{e} C \epsilon P_{\mu} \ P \cdot P^{\circ}$
 $C r C \ddagger P^{\circ} C \Gamma C, C - \ P r P s C \tilde{H} P s C \Gamma P \gg P \ddot{e} C \dots \ P \ddot{I} P^{\circ} C \dagger C - C^{\text{TM}} \ P S C, C - P I. \ P k P_{\mu} P I C - P r P s P j P s, \ C \ddagger P \ddot{e} \ P j P s P \P C r C, C \tilde{H}$
 $P s C, C \tilde{H} P \ddot{e} P j P^{\circ} P S C - \ C \tilde{H} P_{\mu} P \cdot C r P \gg C \tilde{H} C, P^{\circ} C, P \ddot{e} \ P \pm C r C, P \ddot{e} \ P \cdot P^{\circ} C \Gamma C, P s C \Gamma P s P I P^{\circ} P S C - \ P r P s$
 $P r C - C, P_{\mu} P N_{\epsilon}.$

$P h P r P S P s C \ddagger P^{\circ} C \Gamma P S P_{\mu} \ P \cdot P^{\circ} C \Gamma C, P s C \Gamma C r P I P^{\circ} P S P S C \dot{I} \ P i C \Gamma P \ddot{e} C \dots P s C \Gamma C, P \ddot{e} P j C r P \gg C \dot{I} C, P s C \tilde{H} C - P I$
 $(P \cdot P s P e C \tilde{H} P_{\mu} P j P^{\circ} \ P j P_{\mu} C, P \ddot{e} P \gg C, P_{\mu} P S C - P r P^{\circ} C, C r) \ C - P \cdot \ C \tilde{H} P \ddot{e} C \Gamma P i P_{\mu} C \tilde{H} P \ddot{e} P r P s P S P s P j \ C \Gamma P_{\mu} C \tilde{H} P_{\mu} P r$
 $P r C - C, P_{\mu} P N_{\epsilon} \ C, P^{\circ} \ P i C - P r P \gg C - C, P e C - P I \ P S P_{\mu} \ P \cdot P j C - P S C \tilde{H} P I P^{\circ} P \gg P s$
 $C, P^{\circ} C \tilde{H} P j P^{\circ} P e P s P e C - P S P_{\mu} C, P \ddot{e} P e C r \ C, P^{\circ} \ P_{\mu} C, P_{\mu} P e C, P \ddot{e} P I P S C - C \Gamma C, C \tilde{H}$
 $C \tilde{H} P \ddot{e} C \Gamma P i P_{\mu} C \tilde{H} P \ddot{e} P r P s P S C r.$

$P^{\text{TM}} P \ddot{I} P \gg P \ddot{e} P I \ C - P S C \epsilon P \ddot{e} C \dots \ P \gg C - P e P^{\circ} C \tilde{H} C \Gamma C \tilde{H} P e P \ddot{e} C \dots \ P \cdot P^{\circ} C \Gamma P s P \pm C - P I \ P S P^{\circ}$
 $C, P^{\circ} C \tilde{H} P j P^{\circ} P e P s P e C - P S P_{\mu} C, P \ddot{e} P e C \acute{e} \ C \tilde{H} P \ddot{e} C \Gamma P i P_{\mu} C \tilde{H} P \ddot{e} P r P s P S C \acute{e}$

$P \tilde{H} P S C, P \ddot{e} P \pm P^{\circ} P e C, P_{\mu} C \tilde{H} C - P^{\circ} P \gg C \tilde{H} P S C - \ P \cdot P^{\circ} C \Gamma P s P \pm P \ddot{e}$

$\text{B}\tilde{H}^{\text{TM}} \ P \cdot C \tilde{H} P \ddot{e} C, C \tilde{H} P s P j C - C \dagger P \ddot{e} P s \ C^{\text{TM}} \ P i P s P j C - C \tilde{H} P S P \ddot{e} P j \ C - P S P i C - P \pm C - C, P s C \tilde{H} P s P j \ C Y P 3 A 4 \ C, P^{\circ}$
 $C - P S P i C - P \pm C - C, P s C \tilde{H} P s P j \ P - g p \ C - \ P S P_{\mu} \ P \cdot P j C - P S C \tilde{H} C^{\text{TM}} \ C, P^{\circ} C \tilde{H} P j P^{\circ} P e P s P e C - P S P_{\mu} C, P \ddot{e} P e C r$
 $C \tilde{H} P \ddot{e} C \Gamma P i P_{\mu} C \tilde{H} P \ddot{e} P r P s P S C r \ C, P^{\circ} \ P N_{\epsilon} P s P i P s \ P^{\circ} P e C, P \ddot{e} P I P S P s C -$
 $P^{\circ} P S C, P \ddot{e} P i C \Gamma P \ddot{e} C \dots P s C, P \ddot{e} C \ddagger P S P s C - \ C, C \tilde{H} P^{\circ} P e C \dagger C - C -.$

$\text{B}\tilde{H}^{\text{TM}} \ P \ P \ddot{e} C, P^{\circ} P j P i C - C \dagger P \ddot{e} P s \ C^{\text{TM}} \ P i P s C, C r P \P P S P \ddot{e} P j \ C - P S P r C r P e C, P s C \tilde{H} P s P j \ C Y P 3 A 4 \ C, P^{\circ}$
 $C - P S P r C r P e C, P s C \tilde{H} P s P j \ P - g p \ C - \ P \cdot P S P \ddot{e} P \P C r C^{\text{TM}} \ P e P s P S C \dagger P_{\mu} P S C, C \tilde{H} P^{\circ} C \dagger C - C \tilde{H} \ P^{\circ} P e C, P \ddot{e} P I P S P s C -$
 $P^{\circ} P S C, P \ddot{e} P i C \Gamma P \ddot{e} C \dots P s C, P \ddot{e} C \ddagger P S P s C - \ C, C \tilde{H} P^{\circ} P e C \dagger C - C - \ C r \ P i P \gg P^{\circ} P \cdot P j C - \ P e C \tilde{H} P s P i C -.$

$P \dagger P S P i C - P \pm C - C, P s C \tilde{H} P \ddot{e} \ C \dots P s P \gg C - P S P_{\mu} C \Gamma C, P_{\mu} C \tilde{H} P^{\circ} P \cdot P \ddot{e}$

$\text{B}\tilde{H}^{\text{TM}} \ P^{\text{TM}} P s P S P_{\mu} P i P_{\mu} P \cdot P \ddot{e} P \gg C - \ P i P^{\circ} P \gg P^{\circ} P S C, P^{\circ} P j C - P S, \ C \dot{I} P e C - \ P s P \pm P \ddot{e} P r P I P^{\circ} \ C^{\text{TM}}$
 $C \Gamma C r P \pm C \Gamma C, C \tilde{H} P^{\circ} C, P^{\circ} P j P \ddot{e} \ C Y P 2 D 6 \ C - \ C Y P 3 A 4, \ P S P_{\mu} \ P j P^{\circ} C \tilde{H} C, C \tilde{H} \ P e P \gg C - P S C - C \ddagger P S P s$
 $P \cdot P S P^{\circ} C \ddagger C r C \% P s P i P s \ P_{\mu} C, P_{\mu} P e C, C r \ P S P^{\circ} \ C, P^{\circ} C \tilde{H} P j P^{\circ} P e P s P e C - P S P_{\mu} C, P \ddot{e} P e C r$
 $C \tilde{H} P \ddot{e} C \Gamma P i P_{\mu} C \tilde{H} P \ddot{e} P r P s P S C r \ C, P^{\circ} \ P^{\circ} P e C, P \ddot{e} P I P S P s C - \ P^{\circ} P S C, P \ddot{e} P i C \Gamma P \ddot{e} C \dots P s C, P \ddot{e} C \ddagger P S P s C -$
 $C, C \tilde{H} P^{\circ} P e C \dagger C - C -.$

$P_{\mu} C \tilde{H} P s C, P \ddot{e} P_{\mu} P i C - P \gg P_{\mu} P i C, P \ddot{e} C \ddagger P S C - \ P \cdot P^{\circ} C \Gamma P s P \pm P \ddot{e}$

$\text{B}\tilde{H}^{\text{TM}} \ P_{\text{TM}} P^{\circ} C \tilde{H} P \pm P^{\circ} P j P^{\circ} P \cdot P_{\mu} P i C - P S \ C^{\text{TM}} \ P i P s C, C r P \P P S P \ddot{e} P j \ C - P S P r C r P e C, P s C \tilde{H} P s P j \ C Y P 3 A 4 \ C, P^{\circ}$
 $C - P S P r C r P e C, P s C \tilde{H} P s P j \ P - g p \ C - \ P \cdot P S P \ddot{e} P \P C r C^{\text{TM}} \ P e P s P S C \dagger P_{\mu} P S C, C \tilde{H} P^{\circ} C \dagger C - C \tilde{H} \ P^{\circ} P e C, P \ddot{e} P I P S P s C -$
 $P^{\circ} P S C, P \ddot{e} P i C \Gamma P \ddot{e} C \dots P s C, P \ddot{e} C \ddagger P S P s C - \ C, C \tilde{H} P^{\circ} P e C \dagger C - C - \ C \tilde{H} P \ddot{e} C \Gamma P i P_{\mu} C \tilde{H} P \ddot{e} P r P s P S C r \ P I$
 $P i P \gg P^{\circ} P \cdot P j C - \ P e C \tilde{H} P s P i C -. \ P_{\text{TM}} P s P r C - P \pm P S P \ddot{e} P N_{\epsilon} \ P_{\mu} C, P_{\mu} P e C, \ P j P s P \P P_{\mu} \ P I C - P r P j C - C \ddagger P^{\circ} C, P \ddot{e} C \Gamma C \dot{I}$
 $P i C \tilde{H} P \ddot{e} \ P \cdot P^{\circ} C \Gamma C, P s C \Gamma C r P I P^{\circ} P S P S C -, \ P S P^{\circ} P i C \tilde{H} P \ddot{e} P e P \gg P^{\circ} P r, \ C, P_{\mu} P S C - C, P s C - P S C r \ C, P^{\circ}$
 $C, P_{\mu} P S P s P \pm P^{\circ} C \tilde{H} P \pm C - C, P^{\circ} P \gg C r, \ C \% P s \ C, P^{\circ} P e P s P \P \ P I P \ddot{e} C \Gamma C, C r P i P^{\circ} C \tilde{H} C, C \tilde{H}$
 $C - P S P r C r P e C, P s C \tilde{H} P^{\circ} P j P \ddot{e} \ C Y P 3 A 4 \ C - \ P - g p.$

$$P-P^{\circ}C\acute{I}PsP_{\pm}P\ddot{e}P\acute{r}P\gg C\sqcup P\gg C-P\epsilon C\acute{a}PIP^{\circ}PSPSC\sqcup C\epsilon P\gg C\acute{a}PSP\epsilon PsPIP_s-P\epsilon P\ddot{e}C\epsilon P\epsilon PsPIP_sPiPs$$

C,CTHP°PeC,Cé

вґ” PhPSC,P°PiPsPSC-ClC,Pë H₂-PiC-ClC,P°PjC-PSPsPIPëC... CTHPµC†PµPiC,PsCTHC-PI:
C†PëPjPµC,PëPrPëPS C- CTHP°PSC-C,PëPrPëPS C” ClP»P°P±PePëPjPë
C-PSPiC-P±C-C,PsCTHP°PjPë CYP2D6 C- CYP3A4, P·P±C-P»CHC€C†CTHC,CH
P±C-PsPrPsClC,C†PiPSC-ClC,CH CTHPëClPiPµCTHPëPrPsPSC† P· PSPµP·PSP°C†PSPëPj
P·P±C-P»CHC€PµPSPSC†Pj P±C-PsPrPsClC,C†PiPSPsClC,C- P°PeC,PëPIPSPsC—
P°PSC,PëPiClPëC...PsC,PëC†PSPsC— C,,CTHP°PeC†C-C—.

PŸP†P—P—PŸ C,P° C,CTHPëC†PëPeP»C-C†PSC- P°PSC,PëPrPµPiCTHPµClP°PSC,Pë

вґ” PαP»C†PsPeClPµC,PëPS C” PiPsC,C†P¶PSPëPj C-PSPiC-P±C-C,PsCTHPsPj CYP2D6, C%Ps
P·P±C-P»CHC€C†C” PePsPSC†PµPSC,CTHP°C†C-CTH CTHPëClPiPµCTHPëPrPsPSC† PI PiP»P°P·PjC-
C- PSPµP·PSP°C†PSPsCTH PjC-CTHPsCTH вґ” PePsPSC†PµPSC,CTHP°C†C-CTH P°PeC,PëPIPSPsC—
P°PSC,PëPiClPëC...PsC,PëC†PSPsC— C,,CTHP°PeC†C-C—.

вґ” PµP°CTHPsPeClPµC,PëPS C” PiPsC,C†P¶PSPëPj C-PSPiC-P±C-C,PsCTHPsPj CYP2D6, C%Ps
P·P±C-P»CHC€C†C” PePsPSC†PµPSC,CTHP°C†C-CTH CTHPëClPiPµCTHPëPrPsPSC† PI PiP»P°P·PjC-
PsPrPSP°Pe C† PrPsP·P°C... PrPs 20 PjPi/PrPsP±C† PiCTHPëP·PIPsPrPëC,CH PrPs
PSPµP·PSP°C†PSPsPiPs P·P±C-P»CHC€PµPSPSC† PePsPSC†PµPSC,CTHP°C†C-C—
P°PeC,PëPIPSPsC— P°PSC,PëPiClPëC...PsC,PëC†PSPsC— C,,CTHP°PeC†C-C— C† PiP»P°P·PjC-
PµCTHPsC,Pµ PIPëC%C- PrPsP·Pë PiP°CTHPsPeClPµC,PëPSC† PjPsP¶C†C,CH
ClPiCTHPëC†PëPSC†C,Pë PiC-PrPIPëC%PµPSPSC† PePsPSC†PµPSC,CTHP°C†C-C—
P°PeC,PëPIPSPsC— P°PSC,PëPiClPëC...PsC,PëC†PSPsC— C,,CTHP°PeC†C-C—
CTHPëClPiPµCTHPëPrPsPSC†.

вґ” PŸCTHPëC†PëPeP»C-C†PSC- P°PSC,PëPrPµPiCTHPµClP°PSC,Pë PjPsP¶C†C,CH
P·P±C-P»CHC€C†PIP°C,Pë PePsPSC†PµPSC,CTHP°C†C-CTH CTHPëClPiPµCTHPëPrPsPSC† PI
PiP»P°P·PjC-, PsPrPSP°Pe PSPµ PIPiP»PëPIP°CTHC,CH PSP° PePsPSC†PµPSC,CTHP°C†C-CTH
P°PeC,PëPIPSPsC— P°PSC,PëPiClPëC...PsC,PëC†PSPsC— C,,CTHP°PeC†C-C—.
PhPjC-C,CTHPëPiC,PëP»C-PS PSPµ PIPiP»PëPIP°C” PSP° C,,P°CTHPjP°PePsPeC-PSPµC,PëPeC†
CTHPëClPiPµCTHPëPrPsPSC† P°P±Ps P°PeC,PëPIPSPsC— P°PSC,PëPiClPëC...PsC,PëC†PSPsC—
C,,CTHP°PeC†C-C—.

вґ” PŸPµCTHC,CTHP°P»C-PS C” ClP»P°P±PePëPj C-PSPiC-P±C-C,PsCTHPsPj CYP2D6, P°
C,,P»C†PIPsPeClP°PjC-PS вґ” ClP»P°P±PePëPj C-PSPiC-P±C-C,PsCTHPsPj CYP3A4, C,PsPjC†,
PiCTHPë P·P°ClC,PsClC†PIP°PSPSC- C† PrPsP·P°C... PrPs 100 PjPi/PrPsP±C† C†C-
PiCTHPµPiP°CTHP°C,Pë PSPµ ClPiCTHPëC†PëPSC†CTHC,CH PeP»C-PSC-C†PSPs
P·PSP°C†C†C%PëC... P·PjC-PS PePsPSC†PµPSC,CTHP°C†C-C— P°PeC,PëPIPSPsC—
P°PSC,PëPiClPëC...PsC,PëC†PSPsC— C,,CTHP°PeC†C-C— CTHPëClPiPµCTHPëPrPsPSC†. PhPrPSP°Pe
PrPsP·Pë ClPµCTHC,CTHP°P»C-PSC† P°P±Ps C,,P»C†PIPsPeClP°PjC-PSC† PIPëC%Pµ
100 PjPi/PrPsP±C† PjPsP¶C†C,CH PiCTHPëP·PIPsPrPëC,Pë PrPs P·P±C-P»CHC€PµPSPSC†
PePsPSC†PµPSC,CTHP°C†C-C— P°PeC,PëPIPSPsC— P°PSC,PëPiClPëC...PsC,PëC†PSPsC—
C,,CTHP°PeC†C-C— CTHPëClPiPµCTHPëPrPsPSC†.

*P†PiP»PëPI CTHPëClPiPµCTHPëPrPsPSCé PSP° C,,P°CTHPjP°PePsPeC-PSPµC,PëPeCé
C-PSC€PëC... P»C-PeP°CTHC†CHPePëC... P·P°ClPsP±C-PI*

PµCTHPsC,PëPµPiC-P»PµPiC,PëC†PSC- P·P°ClPsP±Pë

вґ” P PëClPiPµCTHPëPrPsPS PSPµ PiCTHPsPrPµPjPsPSC†C,CTHC†PIP°PI PeP»C-PSC-C†PSPs
P·PSP°C†PëPjPsPiPs PIPiP»PëPIC† PSP° C,,P°CTHPjP°PePsPeC-PSPµC,PëPeC†

PIP°P»CHbPiCTjPsP°C,Cr P°P±Ps C,PsPiC-CTjP°PjP°C,Cr.

PjPSC,PëPiCTjPëC...PsC,PëPePë

БҖ“ PjCTjPëPiC-PiCTjP°P·PsP», CrCrP±CrC,CTjP°C, CYP2D6 C- CYP3A4: CTjPëCrPiPµCTjPëPrPsPS Cr C,,PsCTjPjC- C,P°P±P»PµC,PsPe P°P±Ps C-PSBҖ™ C”PeC†C-PM PsPµ PIPiP»PëPIP°C” PSP° C,,P°CTjPjP°PePsPeC-PSPµC,PëPeCr P°CTjPëPiC-PiCTjP°P·PsP»Cr C,P° PMPsPiPs P°PeC,PëIPSPsPiPs PjPµC,P°P±PsP»C-C,Cr, PrPµPiC-PrCTjPsP°CTjPëPiC-PiCTjP°P·PsP»Cr.

P”P»C-PePsP·PëPrPë PSP°PiPµCTjCTjC,ClPSPePë

БҖ“ P PëCrPiPµCTjPëPrPsPS PSPµ PiCTjPsPrPµPjPsPSCrC,CTjCrPIP°PI PeP»C-PSC-C†PSPs P·PSP°C†PëPjPsPiPs PIPiP»PëPICr PSP° C,,P°CTjPjP°PePsPeC-PSPµC,PëPeCr PrPëPiPsPeCrPëPSCr.

P>C-C,C-PM

БҖ“ P PëCrPiPµCTjPëPrPsPS PSPµ PiCTjPsPrPµPjPsPSCrC,CTjCrPIP°PI PeP»C-PSC-C†PSPs P·PSP°C†PëPjPsPiPs PIPiP»PëPICr PSP° C,,P°CTjPjP°PePsPeC-PSPµC,PëPeCr P»C-C,C-CT.

PhPrPSPsC†P°CrPSPµ P·P°CrC,PsCrCзPIP°PSPSCl CTjPëCrPiPµCTjPëPrPsPSCз P· C,,CзCTjPsCrPµPjC-PrPsPj

P”PëPI. CTjPsP·PrC-P» B«PhCrPsP±P»PëIPsCrC,C- P·P°CrC,PsCrCrPIP°PSPSClB», PI ClPePsPjCr PIPëPeP»P°PrPµPSP° C-PSC,,PsCTjPjP°C†C-Cl C%PsPrPs PiC-PrPIPëC%PµPSPSCl CTjC-PIPSCl P»PµC,P°P»CHbPSPsCrC,C- CrPµCTjPµPr PiP°C†C-C”PSC,C-PI P»C-C,PSCHbPsPiPs PIC-PeCr P· PrPµPjPµPSC†C-C”CT, ClPeC- PsPrPSPsC†P°CrPSPs PsC,CTjPëPjCrCTC,CH C,,CrCTjPsCrPµPjC-Pr.

PhCrPsP±P»PëIPsCrC,C- P·P°CrC,PsCrCзPIP°PSPSCl.

PµP°C†C-C”PSC,Pë P»C-C,PSCHbPsPiPs PIC-PeCr P· PrPµPjPµPSC†C-C”CT.

PµC-PrPIPëC%PµPSPëPN CTjC-PIPµPSCH P»PµC,P°P»CHbPSPëC... PIPëPiP°PrPeC-PI

PŸPµCTjPµPr PiP°C†C-C”PSC,C-PI P»C-C,PSCHbPsPiPs PIC-PeCr P· PrPµPjPµPSC†C-C”CT, ClPeC- P»C-PeCrPIP°P»PëCrCH P°C,PëPiPsPIPëPjPë P°PSC,PëPiCTjPëC...PsC,PëC†PSPëPjPë PiCTjPµPiP°CTjP°C,P°PjPë, CrPiPsCrC,PµCTjC-PiP°PICrCl PiC-PrPIPëC%PµPSPëPN CTjC-PIPµPSCH CrPjPµCTjC,PSPsCrC,C- PiPsCTjC-PIPSClPSPs P· C,P°PePëPj Cr PiP°C†C-C”PSC,C-PI P· PiCTjCrPiPë PiP»P°C†PµP±Ps, ClPe CrPIC-PrC†P°C,CH CTjPµP·CrP»CHbC,P°C,Pë PjPµC,P°P°PSP°P»C-P·Cr 17 PrPsCrP»C-PrPµPµPSCH P°C,PëPiPsPIPëC... P°PSC,PëPiCTjPëC...PsC,PëC†PSPëC... PiCTjPµPiP°CTjP°C,C-PI, PIPeP»CTC†P°CTC†Pë CTjPëCrPiPµCTjPëPrPsPS.

Pj PiP»P°C†PµP±PsPePsPSC,CTjPsP»CHbPsPIP°PSPsPjCr PrPsCrP»C-PrPµPµPSPSC- Cr C...PIPsCTjPëC..., ClPeC- P·P°CrC,PsCrPsPICrPIP°P»Pë CTjPëCrPiPµCTjPëPrPsPS, C†P°CrC,PsC,P° P»PµC,P°P»CHbPSPëC... PIPëPiP°PrPeC-PI CrC,P°PSPsPIPëP»P° 4,0 % PiPsCTjC-PIPSClPSPs C-P· 3,1 % Cr PiCTjCrPiC- PiP»P°C†PµP±Ps.

P”C-P°PiPSPsCrC,PëC†PSPµ PIC-PrPSPsC€PµPSPSCl C€P°PSCrC-PI (95 %

PrPsPIC-CTjC†PëPN C-PSC,PµCTjPIP°P») CrC,P°PSPsPIPëP»Ps 1,21 (0,7; 2,1).

PŸPµCTjPµPrPSC-PN PIC-Pe PiP°C†C-C”PSC,C-PI, ClPeC- PiPsPjPµCTjP»Pë, P±CrPI 86

C₇H₅PsPeC-PI (PrC-P°P_iP°P·PsPS б₇" 67б₇"100 C₇H₅PsPeC-PI). P°P°PSC- P· PrPIPsC...
 PsP±C₇P_μC₇PIP°C†C-PN₂PSPëC... PrPsC₇P»C-PrP_¶P_μPSCH₅
 P_iC₇PsPrP_μPjPsPSC₇C, C₇C₇PIP°P»Pë, C%₀₀Ps P_iP°C†C-C"°PSC, Pë P»C-C, PSCH₅PsPiPs
 PIC-PeC₇ P· PrP_μPjP_μPSC†C-C"°C₇, C₇PeC- PsC, C₇PëPjC₇C₇, CH₅ P»C-PeC₇PIP°PSPSC₇
 C, PëP_iPsPIPëPjPë P°PSC, PëP_iC₇PëC...PsC, PëPeP°PjPë, C, P°PePsP_¶ PjP°C₇C, CH₅
 PrP_μC%₀₀Ps P_iC-PrPIPëC%₀₀P_μPSPëPN₂ C₇PëP·PëPe P»P_μC, P°P»CH₅PSPëC...
 PSP°C₇P»C-PrPeC-PI, P_iPsC₇C-PIPSC₇IPSPs P· C, PëPjPë, C...C, Ps PSP_μ PsC, C₇PëPjC₇C"
 P»C-PeC₇PIP°PSPSC₇. P_kP° P_iC-PrC₇C, P°PIC- PSP°C₇PIPIPSPëC... PrP°PSPëC...
 PrPsC₇P»C-PrP_¶P_μPSCH₅ C, PsC±PSPëPN₂ C₇C-PIP_μPSCH₅ C†CH₅PsPiPs C₇PëP·PëPeC₇
 PSP_μ PjPsP_¶PSP° PIPeP°P·P°C, Pë, P° P_iC₇PëC±PëPSP° P_iC-PrPIPëC%₀₀P_μPSPSC₇
 C₇PëP·PëPeC₇ PSP_μPIC-PrPsPjP°.

PhPrPSPsC±P°C₇PSP_μ P·P°C₇C, PsC₇C±PIP°PSPSC₇ P· C,, C±C₇PsC₇P_μPjC-PrPsPj

PJ C...PsPrC- P_iP»P°C†P_μP±PsPePsPSC, C₇PsP»CH₅PsPIP°PSPsPiPs PrPsC₇P»C-PrP_¶P_μPSPSC₇ C₇
 P_iP°C†C-C"°PSC, C-PI P»C-C, PSCH₅PsPiPs PIC-PeC₇ P· PrP_μPjP_μPSC†C-C"°C₇
 P_iC-PrPIPëC%₀₀P_μPSPSC₇ PeC-P»CH₅PePsC₇C, C- P»P_μC, P°P»CH₅PSPëC... PIPëP_iP°PrPeC-PI
 C₇P_iPsC₇C, P_μC₇C-PiP°P»PsC₇C₇ P_iC₇Pë PsPrPSPsC±P°C₇PSPsPjC₇ P·P°C₇C, PsC₇C₇PIP°PSPSC-
 C₇PëC₇P_iP_μC₇PëPrPsPSC₇ P· C,, C₇C₇PsC₇P_μPjC-PrPsPj (7,3 %; C₇P_μC₇P_μPrPSC-PN₂ PIC-Pe б₇"
 89 C₇H₅PsPeC-PI, PrC-P°P_iP°P·PsPS б₇" 75б₇"97 C₇H₅PsPeC-PI) P_iPsC₇C-PIPSC₇IPSPs P· C, P°PePëPj
 C₇ P_iP°C†C-C"°PSC, C-PI, C₇PeC- P»C-PeC₇PIP°P»PëC₇C₇ C, C-P»CH₅PePë
 C₇PëC₇P_iP_μC₇PëPrPsPSPsPj (3,1 %; C₇P_μC₇P_μPrPSC-PN₂ PIC-Pe б₇" 84 C₇H₅PsPePë,
 PrC-P°P_iP°P·PsPS б₇" 70б₇"96 C₇H₅PsPeC-PI) P°P±Ps C, C-P»CH₅PePë C,, C₇C₇PsC₇P_μPjC-PrPsPj
 (4,1 %; C₇P_μC₇P_μPrPSC-PN₂ PIC-Pe б₇" 80 C₇H₅PsPeC-PI, PrC-P°P_iP°P·PsPS б₇" 67б₇"90
 C₇H₅PsPeC-PI). P_μC-PrPIPëC%₀₀P_μPSPSC₇ PeC-P»CH₅PePsC₇C, C- P»P_μC, P°P»CH₅PSPëC...
 PIPëP_iP°PrPeC-PI C₇P_μC₇P_μPr P_iP°C†C-C"°PSC, C-PI, C₇PeC- P»C-PeC₇PIP°P»PëC₇C₇
 PsPrPSPsC±P°C₇PSPs C₇PëC₇P_iP_μC₇PëPrPsPSPsPj C- C,, C₇C₇PsC₇P_μPjC-PrPsPj,
 C₇P_iPsC₇C, P_μC₇C-PiP°P»PsC₇C₇ P_iC-Pr C±P°C₇ PrPIPsC... PeP»C-PSC-C±PSPëC...
 PrPsC₇P»C-PrP_¶P_μPSCH₅ C-P· C±PsC, PëC₇CH₅PsC.... P_μP°C, PsC,, C-P·C-PsP»PsPiC-C±PSPëC...
 PjP_μC...P°PSC-P·PjC-PI PrP»C₇ P_iPsC₇C₇PSP_μPSPSC₇ C†CH₅PsPiPs C,, P°PeC, C₇ PSP_μ
 PIC₇C, P°PSPsPIP»P_μPSPs. P₇P»C-Pr P·P°C₇PIP°P_¶PëC, Pë, C%₀₀Ps PsPrPSPsC±P°C₇PSP_μ
 P·P°C₇C, PsC₇C₇PIP°PSPSC₇ C₇PëC₇P_iP_μC₇PëPrPsPSC₇ C- C,, C₇C₇PsC₇P_μPjC-PrC₇ PSP_μ
 P±C₇P»Ps C"°PrPëPSPsC₇ P_iC₇PëC±PëPSPsC₇ P»P_μC, P°P»CH₅PSPsC₇C, C-. P—PIP°P_¶P°C₇C±Pë
 PSP° P·P°P·PSP°C±P_μPSP_μ PIPëC%₀₀P_μ, C₇P»C-Pr PrPsC, C₇PëPjC₇PIP°C, PëC₇C₇
 PsC₇PsP±P»PëPIPsC— PsP±P_μC₇P_μP_¶PSPsC₇C, C-, P_iC₇PëP·PSP°C±P°C₇C±Pë P_iC₇P_μP_iP°C₇P°C,
 C₇ C, P°PePëC... PIPëP_iP°PrPeP°C..., P° C, P°PePsP_¶ P_iPsC, C₇C-P±PSPs P_iC₇PsPIP_μC₇C, Pë
 PsC†C-PSPeC₇ C₇PëP·PëPeC-PI C- PePsC₇PëC₇C, C- C†C-C"°C— PePsPjP±C-PSP°C†C-C— P°P±Ps
 PePsPjP±C-PSP°C†C-C— P· C-PSC€PëPjPë PrC-C₇C₇P_μC, PëPeP°PjPë, P_iP_μC₇C€ PSC-P_¶
 P_iC₇PëP·PSP°C±P°C, Pë P_iC₇P_μP_iP°C₇P°C,. P_μC₇Pë C†CH₅PsPjC₇ C₇P_μC₇P_μPr
 P_iP°C†C-C"°PSC, C-PI, C₇PeC- C₇P°P·PsPj P· C₇PëC₇P_iP_μC₇PëPrPsPSPsPj P_iC₇PëPN₂PjP°P»Pë
 C-PSC€C- PrC-C₇C₇P_μC, PëPePë, PSP_μ C₇P_iPsC₇C, P_μC₇C-PiP°P»PsC₇C₇
 P_iC-PrPIPëC%₀₀P_μPSPSC₇ C₇C-PIPSC₇ C₇PjP_μC₇C, PSPsC₇C, C-. P_kP_μP·P°P»P_μP_¶PSPs PIC-Pr
 P»C-PeC₇PIP°PSPSC₇ PrP_μPiC-PrC₇P°C, P°C†C-C₇ P±C₇P»P° P·P°P_iP°P»CH₅PSPëPj
 C,, P°PeC, PsC₇PsPj C₇PëP·PëPeC₇ P»P_μC, P°P»CH₅PSPsC₇C, C-, C- C—C— C₇P»C-Pr
 C₇P_μC, P_μP»CH₅PSPs PePsPSC, C₇PsP»CH₅PIP°C, Pë C₇ P_iP°C†C-C"°PSC, C-PI P·
 PrP_μPjP_μPSC†C-C"°C₇.

P_iP_μC₇P_μP±C₇PsPIP°C₇PeC±P»C₇C₇PSC- P_iPsP±C-C±PSC- C₇P_μP°PeC†C-C—

PJ C...PsPrC- P_iP»P°C†P_μP±PsPePsPSC, C₇PsP»CH₅PsPIP°PSPëC... PeP»C-PSC-C±PSPëC...

PrPsCfP»C-PrP¶PµPSCb C fPµCfPµPr PIP°C†C-C"psc,C-PI P· PrPµPjPµPSC†C-C"Ch, C¶PePëC...
P»C-PeCfPIP°P»Pë C fPëCfPµCfPëPrPsPSPsPj, C fPµCfC,PµCfC-PiP°PICfC¶ C f 3 C fP°P·Pë
PIPëC%PëPnë C fC-PiPµPSCb C†PµCfPµP±C fPsPIP°C fPeCfP»C¶C fPSPëC...
PµP±C-C†PSPëC... PµC,,PµPeC,C-PI (C-PSCfCfP»ChC,Pë C,P° C,C fP°PSP·PëC,PsC fPSC-
C-C fPµPjC-C†PSC- P°C,P°PePë) P· P»PµC,P°P»ChPSPëPj PSP°C fP»C-PrPePsPj
PµPSCfC-PIPSC¶PSPs P· C,PëPjPë, C...C,Ps PsC,C fPëPjCfPIP°PI PµP»P°C†PµP±Ps
(C fPµCfPµPrPSC-Pnë PIC-Pe b f" 85 C fPsPeC-PI; PrC-P°PµP°P·PsPS b f" 73b f"97 C fPsPeC-PI).

PµPsPjP±C-PSPsPIP°PSC- PrP°PSC- C fPµCfC,Pë
PµP»P°C†PµP±PsPePsPSC,C fPsP»ChPsPIP°PSPëC... PrPsCfP»C-PrP¶PµPSCb P·P° C fC†P°C fC,C-
PµP°C†C-C"psc,C-PI P»C-C,PSCbPsPiPs PIC-PeCf P· PrPµPjPµPSC†C-C"Ch (PIC-PePsPj PIC-Pr
65 C fPsPeC-PI) PµC fPsPrPµPjPsPSCfC,C fCfPIP°P»Pë PIPëPSPëPePSPµPSPSC¶
C†PµCfPµP±C fPsPIP°C fPeCfP»C¶C fPSPëC... (PµP') C fPsP·P»P°PrC-PI (C fPµCfPµPnëPsP·PSC-
C,P° PSPµC,C¶P¶PeC-, PePsPjP±C-PSPsPIP°PSC-) C f 3,3 % (33/1009) PµP°C†C-C"psc,C-PI,
C¶PeC- P»C-PeCfPIP°P»PëCfC¶ C fPëCfPµCfPëPrPsPSPsPj, PµPSCfC-PIPSC¶PSPs P· 1,2 %
(8/712) PµP°C†C-C"psc,C-PI, C¶PeC- P·P°C fC,PsC fPsPICfPIP°P»Pë PµP»P°C†PµP±Ps.

PµPµC-PIPIC-PrPSPsC fPµPSPSC¶ PjC-P¶ PµCfCfPµPjPë C fPëCfPµCfPëPrPsPSCf C-
PµP»P°C†PµP±Ps (C fPµC-PIPIC-PrPSPsC fPµPSPSC¶ C fP°PSCfC-PI; 95 % PµP†)
C fC,P°PSPsPIPëP»Ps 2,96 (1,34; 7,50). PµPµC...P°PSC-P·Pj C,P°PePsPiPs
PµC-PrPIPëC%PµPSPsPiPs C fPëP·PëPeCf PSPµPIC-PrPsPjPëPnë. PµPµ PjPsP¶PSP°
PIPëPeP»ChC†PëC,Pë PµC-PrPIPëC%PµPSPëPnë C fPëP·PëPe C fPsP·PIPëC,PeCf PµP'
PµP±C-C†PSPëC... C fPµP°PeC†C-Pnë (PµP) PµCfPë P·P°C fC,PsC fCfPIP°PSPSC- C-PSC fPëC...
P°PSC,PëPµCfPëC...PsC,PëC†PSPëC... PµC fPµPµP°C fP°C,C-PI P°P±Ps PrP»C¶ C-PSC fPëC...
PµCfCfPµ PµP°C†C-C"psc,C-PI. P PëCfPµCfPëPrPsPS C fP»C-Pr P· PsP±PµCfPµP¶PSC-C fC,Cf
P·P°C fC,PsC fPsPICfPIP°C,Pë PµP°C†C-C"psc,P°Pj C-P· C,,P°PeC,PsC fP°PjPë C fPëP·PëPeCf
PIPëPSPëPePSPµPSPSC¶ C-PSC fCfP»ChC,Cf. P PëP·PëPe PµP' PµP P·PSP°C†PSPs PIPëC%PëPnë
Cf PµP°C†C-C"psc,C-PI P·C- P·PjC-C fP°PSPsCh P°P±Ps C fCfPrPëPSPSPsCh
PrPµPjPµPSC†C-C"Ch PI PµPSCfC-PIPSC¶PSPSC- P· PrPµPjPµPSC†C-C"Ch
PµP»ChC†PµPµPnëPjPµCfP°. PµPsPjCf PµP°C†C-C"psc,P°Pj P· C-PSC fPëPjPë C,PëPµPjPë
PrPµPjPµPSC†C-C—, PsPeCfC-Pj PrPµPjPµPSC†C-C— PµP»ChC†PµPµPnëPjPµCfP°, PSPµ
C fP»C-Pr PµC fPëP·PSP°C†P°C,Pë P»C-PeCfPIP°PSPSC¶ C fPëCfPµCfPëPrPsPSPsPj.

PµP»C-Pr C fPµC,PµP»ChPSPs P·PIP°P¶PëC,Pë PICfC- C fPëP·PëPePë C- PµPµCfPµPIP°PµPë
PµC fPëP·PSP°C†PµPSPSC¶ C fPëCfPµCfPëPrPsPSCf PµP°C†C-C"psc,P°Pj P»C-C,PSCbPsPiPs
PIC-PeCf P· PrPµPjPµPSC†C-C"Ch, PsC fPsP±P»PëPIPs C fPëP·PëPe C-PSC fCfP»ChC,Cf.

PµPsC,C fC-P±PSPs PµC fPsC-PSC fC,C fCfPeC,CfPIP°C,Pë PµP°C†C-C"psc,C-PI C,P° PsC fC-P±,
C¶PeC- PrPsPiP»C¶PrP°ChC,Ch P·P° PSPëPjPë, PµC fPs PSPµPsP±C...C-PrPSC-C fC,Ch
PSPµPiP°PnëPSPs PµPsPIC-PrPsPjP»C¶C,Pë PµC fPs PsP·PSP°PePë PjPsP¶P»PëPIPëC...
C†PµCfPµP±C fPsPIP°C fPeCfP»C¶C fPSPëC... C fPsP·P»P°PrC-PI, C,P°PePëC... C¶Pe
C fP°PµC,PsPIP° C fP»P°P±PeC-C fC,Ch, PsPSC-PjC-PSPSC¶ PsP±P»PëC†C¶C¶, C fCfPe P°P±Ps
PSC-Pi, P° C,P°PePsP¶ C fPsP·P»P°PrPë PjPsPIP»PµPSPSC¶ C,P° P·PsC fCf.

PµC fPµP±P° PSPµPIC-PrPeP»P°PrPSPs C fPsP·PiP»C¶PSCfC,Pë PICfC- PjPsP¶P»PëPIC-
PIP°C fC-P°PSC,Pë P»C-PeCfPIP°PSPSC¶, PIPëP»ChC†P°ChC†Pë PµPµCfPµCfPëPIP°PSPSC¶
C,PµC fP°PµC— C fPëCfPµCfPëPrPsPSPsPj. P PëCfPµCfPëPrPsPS C fP»C-Pr
PIPëPePsC fPëCfC,PsPICfPIP°C,Pë P»PëC fPµ PrP»C¶ PePsC fPsC,PePsC fC,C fPsPePsPiPsPiPs
P»C-PeCfPIP°PSPSC¶ C fC,C-PnëPePsC— PµC fPµC fC-C— Cf PµP°C†C-C"psc,C-PI P·
PrPµPjPµPSC†C-C"Ch PµC fPë C...PIPSC fPsP±C- PµP»ChC†PµPµPnëPjPµCfP° (PIC-Pr
PµPsPjC-C fPSPsPiPs PrPs C,C¶P¶PePsPiPs C fC,CfPµPSC¶), PrPsPrP°C,PePsPiPs PrPs
PSPµPjPµPrPëPeP°PjPµPSC,PsP·PSPsPiPs PµC-PrC...PsPrCf, PµC,,PµPeC,PëPIPSC-C fC,Ch

PꞤC-PꞤ CꞤP°CꞤ P·P°CꞤC,PsCꞤCꞤPIP°PSPSCꞤ P°PSC,PëPiCꞤPëC...PsC,PëCꞤPSPëC...
 P·P°CꞤPsP±C-PI, PIPeP»CꞤCꞤP°CꞤCꞤPë CꞤPëCꞤPꞤPꞤCꞤPëPrPsPS,
 CꞤPꞤPsCꞤC,PꞤCꞤC-PiP°P»PëCꞤCꞤ PIPëPiP°PrPePë P»PꞤPNëPePsPiPꞤPSC-C—,
 PSPꞤPNëC,CꞤPsPiPꞤPSC-C— C,P° P°PiCꞤP°PSCꞤP»PsCꞤPëC,PsP·CꞤ. PꞤCꞤPs PIPëPiP°PrPePë
 P°PiCꞤP°PSCꞤP»PsCꞤPëC,PsP·CꞤ PiPsPIC-PrPsPjP»CꞤP»PsCꞤCꞤ PrCꞤPꞤPꞤ CꞤC-PrPePs
 (< 1/10000 PiP°CꞤC-C°PSC,C-PI) PiC-Pr CꞤP°CꞤ PiPsCꞤC,PjP°CꞤPePꞤC,PëPSPiPsPiPsPiPs
 PrPsCꞤP»C-PrPꞤPꞤPSPSCꞤ. P—P° PiP°CꞤC-C°PSC,P°PjPë P·C- P·PSP°CꞤPSPëPj
 P·PjPꞤPSCëPꞤPSPSCꞤPj PeC-P»CꞤPePsCꞤC,C- P»PꞤPNëPePsCꞤPëC,C-PI CꞤ P°PSP°PjPSPꞤP·C-
 P°P±Ps P· PjPꞤPrPëPeP°PjPꞤPSC,PsP·PSPs C-PSPꞤCꞤPePsPIP°PSPsCꞤ
 P»PꞤPNëPePsPiPꞤPSC-C°CꞤ/PSPꞤPNëC,CꞤPsPiPꞤPSC-C°CꞤ CꞤP»C-Pr CꞤPꞤC,PꞤP»CꞤPSPs
 PSP°PiP»CꞤPrP°C,Pë PiCꞤPsC,CꞤPiPsPj PiPꞤCꞤCëPëC... PrPꞤPeC-P»CꞤPePsC...
 PjC-CꞤCꞤCꞤC-PI P»C-PeCꞤPIP°PSPSCꞤ C,P° PiCꞤPëPiPëPSPëC,Pë P·P°CꞤC,PsCꞤCꞤPIP°PSPSCꞤ
 CꞤPëCꞤPꞤPꞤCꞤPëPrPsPSCꞤ PiCꞤPë PiPsCꞤPIC- PsP·PSP°Pe P·PSP°CꞤPSPsPiPs
 P·PjPꞤPSCëPꞤPSPSCꞤ PeC-P»CꞤPePsCꞤC,C- P»PꞤPNëPePsCꞤPëC,C-PI P·P°
 PIC-PrCꞤCꞤC,PSPsCꞤC,C- C-PSCëPëC... PiCꞤPëCꞤPëPS PrP»CꞤ C,P°PePsPiPs
 P·PSPëPꞤPꞤPSPSCꞤ. P—P° PiP°CꞤC-C°PSC,P°PjPë C-P· PeP»C-PSC-CꞤPSPs P·PSP°CꞤCꞤC%PsCꞤ
 PSPꞤPNëC,CꞤPsPiPꞤPSC-C°CꞤ CꞤP»C-Pr CꞤPiPsCꞤC,PꞤCꞤC-PiP°C,Pë C%PsPrPs
 PIPëPSPëPePSPꞤPSPSCꞤ PiP°CꞤCꞤCꞤPePë C,P° C-PSCëPëC... PsP·PSP°Pe C-PSC,,PꞤPeCꞤC— C-
 P»C-PeCꞤPIP°C,Pë PIC-PrPiPsPIC-PrPSPëPj CꞤPëPSPsPj PiCꞤPë PIPëCꞤPIP»PꞤPSPSC-
 CꞤPëPjPiC,PsPjC-PI. Pj CꞤP°P·C- C,CꞤPꞤPePsC— PSPꞤPNëC,CꞤPsPiPꞤPSC-C— (< 1 × 10⁹/P»)
 P»C-PeCꞤPIP°PSPSCꞤ CꞤPëCꞤPꞤPꞤCꞤPëPrPsPSPsPj CꞤP»C-Pr PiCꞤPëPiPëPSPëC,Pë C,P°
 CꞤP»C-PrPeCꞤPIP°C,Pë P·P° PeC-P»CꞤPeC-CꞤC,CꞤ P»PꞤPNëPePsCꞤPëC,C-PI PrPs
 PIC-PrPSPsPIP»PꞤPSPSCꞤ.

P>C-PeP°CḤC- PīPsPIPēPSPSC- P·PIP°P¶P°C,Pē PSP° PSPμP±PμP·PīPμPeCr PīCḤPē
 P·P°CÍC,PsCÍCÍPIP°PSPSC- P°PSC,PēPīCÍPēC...PsC,PēC‡PSPēC... P·P°CÍPsP±C-PI, Cr C,PspjCr
 C‡PēCÍP»C- PNē CḤPēCÍPīPμCḤPēPrPsPSCr, PīP°C†C-C"PSC,P°Pj C-P· C...PIPsCḤPsP±PsCḤ
 PμP°CḤPeC-PSCÍPsPSP° P°P±Ps PrPμPjPμPSC†C-C"CḤ P· C,C-P»CḤC†C¶PjPē P·PμPIC-.
 P—P°CÍC,PsCÍCÍPIP°PSPSC¶ CḤPēCÍPīPμCḤPēPrPsPSCr PjPsP¶Pμ PīPsPiC-CḤC€PēC,Pē
 PīPμCḤPμP±C-Pi C...PIPsCḤPsP±Pē PμP°CḤPeC-PSCÍPsPSP°. PμP°C†C-C"PSC,Pē, C...PIPsCḤC-
 PSP° P±CrPrCḤ-C¶PePμ C-P· P·P°P·PSP°C‡PμPSPēC... PIPēC%Pμ P·P°C...PIPsCḤCḤPIP°PSCḤ,
 PjP°CḤC,CḤ PīC-PrPIPēC%PμPSPēPNē CḤPēP·PēPe P—PκPŸ, P° C,P°PePsP¶
 PīC-PrPIPēC%PμPSCr C‡CrC,P»PēPIC-CÍC,CḤ PrPs P°PSC,PēPīCÍPēC...PsC,PēC‡PSPēC...

P°C-PiPμCTjPiCTjPsP»P°PeC,PëPSPμPjC-CΠ Bḡ” CtPμ PiPsP±C-C‡PSP° CTjPμP°PeC†C-CΠ, CΠPeP°
 C‡P°C†C,P_s C†PiPsC†C,PμCTjC-PiP°°C,CHC†CΠ PiCTjPë P»C-PeC†PIP°PSPSC-
 CTjPëC†PiPμCTjPëPrPsPSPsPj. PμP°C†C-C”PSC,P°Pj C-P· PSP°CΠPIPSPëPjPë PiPsP±C-C‡PSPëPjPë
 CΠPIPëC%P°PjPë, C%Ps PjPsP¶C†C,CH P·P°P»PμP¶P°C,Pë PIC-Pr CTjC-PIPSCΠ
 PiCTjPsP»P°PeC,PëPSC† PI PiP»P°P·PjC- (PSP°PiCTjPëPeP»P°Pr, PiC-PSPμPePsPjP°C†C,C-CΠ,
 PiPsCTjC†C€PμPSPSCΠ PjPμPSC†C,CTjC†P°P»CHPSPsPiPs CtPëPeP»C†, P°PSPsPIC†P»CΠC†C-CΠ,
 CTjPsP·P»P°PrPë C„PμCTjC,PëP»CHPSPsC†C,C-, P·PSPëP¶PμPSPSCΠ P»C-P±C-PrPs,
 PμCTjPμPeC,PëP»CHPSP° PrPëC†C„C†PSPeC†C-CΠ C,P° PiP°P»P°PeC,P_sCTjPμCΠ) C† CTjP°P·C-
 PiCTjPëP·PSP°C‡PμPSPSCΠ CTjPëC†PiPμCTjPëPrPsPSC† CTjPμPePsPjPμPSPPrPsPIP°PSPëPḡ
 PePsPSC,CTjPsP»CH CTjC-PIPSCΠ PiCTjPsP»P°PeC,PëPSC†. P PμP·C†P»CHC,P°C,Pë
 PrPsC†P»C-PrP¶PμPSCḡ PSP° PeC†P»CHC,C†CTjP°C... C,PeP°PSPëPS
 PIPEP°P·C†CTjC,CH PSP° C,Pμ, C%Ps CTjC-C†C, PeP»C-C,PëPS C† PiC†C...P»PëPSP°C...

PjPsP»PsC‡PSPsC— P·P°P»PsP·Pë P»CḦPrPëPSPë PjPsP¶Pμ P±CṛC,Pë
CṼC,PëPjCṛP»CḦPsPIP°PSPëPNë PīCḦPsP»P°PeC,PëPSPsPj.

PḦPsC‡P° PrPsCṼC- C‡C-C,PePsPiPs P·PIBḦ™ CḶP·PeCṛ C-P· P·P°CṼC,PsCṼCṛPIP°PSPSCḶPj
P°PSC,PëPīCṼPëC...PsC,PëC‡PSPëC... P·P°CṼPsP±C-PI PeP»C-PSC-C‡PSPëPjPë C,P°
PμPīC-PrPμPjC-PsP»PsPiC-C‡PSPëPjPë PrPsCṼP»C-PrP¶PμPSPSCḶPjPë PSPμ
PICṼC,P°PSPsPIP»PμPSPs, CḦPμPePsPjPμPSPṛCṛC”C,CḦCṼCḶ P· PsP±PμCḦPμP¶PSC-CṼC,CḦ
PīCḦPëP·PSP°C‡P°C,Pë CḦPëCṼPīPμCḦPëPrPsPS PīP°C‡C-C”PSC,P°Pj P· PIC-PrPīPsPIC-PrPSPsCḦ
PīP°C,PsP»PsPiC-C”CḦ PI P°PSP°PjPSPμP·C-. P PëCṼPīPμCḦPëPrPsPS PīPsC,CḦC-P±PSPs P·
PsP±PμCḦPμP¶PSC-CṼC,CḦ P·P°CṼC,PsCṼPsPICṛPIP°C,Pë PīP°C‡C-C”PSC,P°Pj P·
PiC-PīPμCḦPīCḦPsP»P°PeC,PëPSPμPjC-C”CḦ C,P° PīP°C‡C-C”PSC,P°Pj P·
PīCḦPsP»P°PeC,PëPSPsP·P°P»PμP¶PSPëPjPë PīCṛC...P»PëPSP°PjPë.

PμPsPrPsPIP¶PμPSPSCḶ C-PSC,PμCḦPIP°P»Cṛ QT

Pj PīPsCṼC,PjP°CḦPePμC,PëPSPiPsPIPsPjCṛ PīPμCḦC-PsPrC- PrCṛP¶Pμ CḦC-PrPePs
PīPsPIC-PrPsPjP»CḶP»PsCṼCḶ PīCḦPs PIPëPīP°PrPePë PīPsPrPsPIP¶PμPSPSCḶ
C-PSC,PμCḦPIP°P»Cṛ QT. PŸP»C-Pr P· PsP±PμCḦPμP¶PSC-CṼC,CḦ P·P°CṼC,PsCṼPsPICṛPIP°C,Pë
CḦPëCṼPīPμCḦPëPrPsPS, CḶPe C- C-PSC€C- P°PSC,PëPīCṼPëC...PsC,PëC‡PSC- P·P°CṼPsP±Pë,
PīP°C‡C-C”PSC,P°Pj C-P· CṼPμCḦC‡PμPIPs-CṼCṛPrPëPSPSPëPjPë
P·P°C...PIPsCḦCḦPIP°PSPSCḶPjPë, PīPsCḦCṛC€PμPSPSCḶPjPë PμP»PμPeC,CḦPsP»C-C,PSPsPiPs
PsP±PjC-PSCṛ (PiC-PīPsPeP°P»C-C”PjC-CḶ, PiC-PīPsPjP°PiPSC-C”PjC-CḶ),
P±CḦP°PrPëPeP°CḦPrC-C”CḦ P°P±Ps PīPsPrPsPIP¶PμPSPSCḶPj C-PSC,PμCḦPIP°P»Cṛ QT Cṛ
CṼC-PjPμPNëPSPsPjCṛ P°PSP°PjPSPμP·C-, PsCṼPeC-P»CḦPePë C‡Pμ P·P±C-P»CḦC€CṛC”
CḦPëP·PëPe P°CḦPëC,PjPsPiPμPSPSPsPiPs PIPiP»PëPICṛ. PμCḦPë PsPrPSPsC‡P°CṼPSPsPjCṛ
P·P°CṼC,PsCṼCṛPIP°PSPSC- CḦPëCṼPīPμCḦPëPrPsPSCṛ P· C-PSC€PëPjPë
P»C-PeP°CḦCṼCḦPePëPjPë P·P°CṼPsP±P°PjPë, CḶPeC- PīPsPrPsPIP¶CṛCḦC,CḦ
C-PSC,PμCḦPIP°P» QT, C,P°PePsP¶ PīPsC,CḦC-P±PSPs PrPsC,CḦPëPjCṛPIP°C,PëCṼCḶ
PsP±PμCḦPμP¶PSPsCṼC,C-.

PŸCṛPrPsPjPë

PŸP»C-Pr P· PsP±PμCḦPμP¶PSC-CṼC,CḦ P·P°CṼC,PsCṼPsPICṛPIP°C,Pë CḦPëCṼPīPμCḦPëPrPsPS
PīP°C‡C-C”PSC,P°Pj C-P· CṼCṛPrPsPjP°PjPë C‡Pë C-PSC€PëPjPë CṼC,P°PSP°PjPë, CḶPeC-
PīPsC,PμPSC‡C-PNëPSPs P·PSPëP¶CṛCḦC,CḦ CṼCṛPrPsPjPSPëPNë PīPsCḦC-Pi, PI
P°PSP°PjPSPμP·C-.

PμCḦC-P°PīC-P·Pj

P‡CṼPSCṛC” PjPsP¶P»PëPIC-CṼC,CḦ PIPëPSPëPePSPμPSPSCḶ PīCḦC-P°PīC-P·PjCṛ PīC-Pr
C‡P°CṼ P»C-PeCṛPIP°PSPSCḶ CḦPëCṼPīPμCḦPëPrPsPSPsPj CṛPSP°CṼP»C-PrPsPe PNëPsPiPs α-
P°PrCḦPμPSPsP±P»PsPeCṛCḦC‡PsC— PrC-C—.

P PμPiCṛP»CḶC‡C-CḶ C,PμPjPīPμCḦP°C,CṛCḦPë C,C-P»P°

PḦPSC,PëPīCṼPëC...PsC,PëC‡PSC- P»C-PeP°CḦCṼCḦPeC- P·P°CṼPsP±Pë PjPsP¶CṛC,CḦ
PīPsCḦCṛC€CṛPIP°C,Pë P·PrP°C,PSC-CṼC,CḦ C,C-P»P° PrPs P·PSPëP¶PμPSPSCḶ
C,PμPjPīPμCḦP°C,CṛCḦPë C,C-P»P°. P PμPePsPjPμPSPṛCṛC”C,CḦCṼCḶ PIC-PrPīPsPIC-PrPSPëPNë
PSP°PiP»CḶPr P·P° PīP°C‡C-C”PSC,P°PjPë, CḶPePëPj PīCḦPëP·PSP°C‡PμPSPs
CḦPëCṼPīPμCḦPëPrPsPS, CḶPeC‰Ps PIPsPSPë P±CṛPrCṛC,CḦ PīC-PrPrP°PIP°C,PëCṼCḶ
PIPiP»PëPICṛ C,,P°PeC,PsCḦC-PI, C‰Ps PjPsP¶CṛC,CḦ CṼPīCḦPëC‡PëPSCḶC,Pë
PīC-PrPIPëC‰PμPSPSCḶ C,PμPjPīPμCḦP°C,CṛCḦPë C,C-P»P°, P° CṼP°PjPμ:

C-PSC, P_μPSCÍPëPIPC- C,,C-P·PëC±PSC- C, C₇P_μPSCÍPIP°PSPSCÍ, PIPÍP»PëPI PIPëCÍPsPePëC...
C, P_μPjPíP_μC₇P°C, C₇C₇ P·PsPIPSC-CëPSC_HPsPiPs CÍP_μC₇P_μPrPsPIPëC%P°,
CÍC₇PíC₇PsPIC-PrPSP° C, P_μC₇P°PíC-CÍ PíC₇P_μPíP°C₇P°C, P°PjPë P·
P°PSC, PëC...PsP»C-PSP_μC₇PíC-C±PSPsC_H P°PeC, PëPIPC-CÍC, C_H C±Pë
P·PSP_μPIPsPrPSP_μPSPSCÍ.

P_μC₇PsC, PëP±P»C_HPIPsC, PSPëPN₀ P_μC,, P_μPeC,

P_μPsPIC-PrPsPjP»CÍP»PsCÍCÍ, C%Ps C₇ PrPsPeP»C-PSC-C±PSPsPjC₇ PIPëPIC±P_μPSPSC-
PIP»P°CÍC, PëPIPsCÍC, P_μPN₀ C₇PëCÍPíP_μC₇PëPrPsPSC₇ PIC-PrP·PSP°C±P°PICÍCÍ
PíC₇PsC, PëP±P»C_HPIPsC, PSPëPN₀ P_μC,, P_μPeC,, PíCÍ PIP»P°CÍC, PëPIC-CÍC, C_H PjPsP₇P_μ
PjP°CÍPëC₇PIP°C, Pë CÍPëPjPíC, PsPjPë PíP_μC₇P_μPrPsP·C₇PIP°PSPSCÍ PrP_μCÍPePëC...
P»C-PeC-PI P°P±Ps C, P°PePëC... CÍC, P°PSC-PI, CÍPe PsP±CÍC, C₇C₇PeC±C-CÍ
PePëCëP_μC±PSPëPeC₇, CÍPëPSP₇C₇PsPj P P_μCÍ C, P° PíC₇C...P»PëPSPë PjPsP·PeC₇.

PëPëC₇PePsPIP° C, P° PíP_μC±C-PSPePsPIP° PSP_μPrPsCÍC, P°C, PSC-CÍC, C_H

Pj PíP°C±C-C°PSC, C-PI P· PSPëC₇PePsPIPsC_H PSP_μPrPsCÍC, P°C, PSC-CÍC, C_H, PSP°
PIC-PrPjC-PSC₇ PIC-Pr PsCÍC-P± P· PSPsC₇PjP°P»C_HPSPsC_H C,, C₇PSPeC±C-C°C_H PSPëC₇PsPe,
P·PSPëP₇C₇C, C_HCÍCÍ P·PrP°C, PSC-CÍC, C_H PrPs PIPëPIP_μPrP_μPSPSCÍ P·
PsC₇PIP°PSC-P·PjC₇ P°PeC, PëPIPsC— P°PSC, PëPíCÍPëC...PsC, PëC±PSPsC— C,, C₇P°PeC±C-C—
C₇PëCÍPíP_μC₇PëPrPsPSC₇. Pj PíP°C±C-C°PSC, C-PI C-P· PíP_μC±C-PSPePsPIPsC_H
PSP_μPrPsCÍC, P°C, PSC-CÍC, C_H CÍPíPsCÍC, P_μC₇C-PíP°C°C, C_HCÍCÍ P·P±C-P»C_HCëP_μPSPSCÍ
PePsPSC±P_μPSC, C₇P°C±C-C— PIC-P»C_HPSPsC— C,, C₇P°PeC±C-C— C₇PëCÍPíP_μC₇PëPrPsPSC₇
PI PíP»P°P·PjC- PeC₇PsPIC-.

P'P_μPSPsP·PSP° C, C₇PsPjP±PsP_μPjP±PsP»C-CÍ

PhPíPëCÍP°PSC- PIPëPíP°PrPePë PIP_μPSPsP·PSPsC— C, C₇PsPjP±PsP_μPjP±PsP»C-C— PíC₇Pë
P·P°CÍC, PsCÍC₇PIP°PSPSC- P°PSC, PëPíCÍPëC...PsC, PëC±PSPëC... P»C-PeP°C₇CÍC_HPePëC...
PíC₇P_μPíP°C₇P°C, C-PI. PhCÍPëC-P»C_HPePë PíP°C±C-C°PSC, Pë, CÍPeC- P»C-PeC₇C_HC, C_HCÍCÍ
P°PSC, PëPíCÍPëC...PsC, PëC±PSPëPjPë P»C-PeP°C₇CÍC_HPePëPjPë P·P°CÍPsP±P°PjPë,
C±P°CÍC, Ps PjP°C_HC, C_H PSP°P±C₇C, C- C,, P°PeC, PsC₇Pë C₇PëP·PëPeC₇
PIPëPSPëPePSP_μPSPSCÍ PIP_μPSPsP·PSPsC— C, C₇PsPjP±PsP_μPjP±PsP»C-C—, PICÍC-
PjPsP₇P»PëPIC- C,, P°PeC, PsC₇Pë C₇PsP·PIPëC, PeC₇ C, C₇PsPjP±PsP_μPjP±PsP»C-C—
PSP_μPsP±C...C-PrPSPs C-PrP_μPSC, PëC,, C-PeC₇PIP°C, Pë PíP_μC₇P_μPr C, P° PíC-Pr C±P°CÍ
P»C-PeC₇PIP°PSPSCÍ C₇PëCÍPíP_μC₇PëPrPsPSPsPj C, P° PIP₇PëC, Pë PIC-PrPíPsPIC-PrPSPëC...
PíC₇P_μPIP_μPSC, PëPIPsPëC... P·P°C...PsPrC-PI.

P±PSC, C₇P°PsPíP_μC₇P°C±C-PN₀PSPëPN₀ CÍPëPSP₇C₇PsPj P°C, PsPSC-C±PSPsC—
C₇P°PN₀PrC₇P₇PePë (P±P₇P₇)

P_μPsPIC-PrPsPjP»CÍP»PsCÍCÍ, C%Ps PíC-Pr C±P°CÍ PsPíP_μC₇P°C±C-PN₀ C-P·
PIPëPrP°P»P_μPSPSCÍ PeP°C, P°C₇P°PeC, Pë CÍPíPsCÍC, P_μC₇C-PíP°PICÍCÍ P±P₇P₇ C₇
PíP°C±C-C°PSC, C-PI, CÍPeC- P»C-PeC₇PIP°P»PëCÍCÍ a₁-
P°PrC₇P_μPSPsP±P»PsPeP°C, PsC₇P°PjPë, C₇ C, PsPjC₇ C±PëCÍP»C- C₇PëCÍPíP_μC₇PëPrPsPSPsPj.
P±P₇P₇ PjPsP₇P_μ PíC-PrPIPëC%CrPIP°C, Pë C₇PëP·PëPe C₇CÍPeP»P°PrPSP_μPSC_H
PsPíP_μC₇P°C±C— PSP° PsC±C- PíC₇PsC, CÍPiPsPj C, P° PíC-CÍP»CÍ
C...C-C₇C₇PíC-C±PSPsPiPs PIC, C₇C₇C±P°PSPSCÍ. P₇P»C-Pr PíPsPIC-PrPsPjPëC, Pë
C...C-C₇C₇PíP°-PsC,, C, P°P»C_HPjPsP»PsPíP° PíC₇Ps P·P°CÍC, PsCÍC₇PIP°PSPSCÍ
P°PSC, PëPíCÍPëC...PsC, PëC±PSPëC... P»C-PeP°C₇CÍC_HPePëC... P·P°CÍPsP±C-PI C₇
PjPëPSC₇P»PsPjC₇ P°P±Ps C₇ PíP_μC₇C-PsPr PíC₇PsPIP_μPrP_μPSPSCÍ PsPíP_μC₇P°C±C-C—.

РμPсC,РμPSC†C-РNεPSC- PиРμCђРμPIР°PиPё PиCђPёPиPёPSPμPSPSCЦ C,РμCђP°PиC-C— a1-
P°PpCђPμPSPsP±P»PsPeP°C,PsCђP°PjPё PиРμCђPμPr PsPиРμCђP°C†C-C”Cђ PSPμ
PIC†C,P°PSPsPIР»PμPSC-, C,P°PePsP¶ C†P»C-Pr P·PIР°P¶P°C,Pё PSP° CђPёP·PёPe
PIC-PrPjC-PSPё P»C-PeCрPIР°PSPSCЦ P°PSC,PёPиC†PёC...PsC,PёC±PSPёPjPё P·P°C†PsP±P°PjPё.

P”C-C,Pё

РμРμCђPμPr PиCђPёP·PSP°C±PμPSPSCЦPj CђPёC†PиРμCђPёPrPsPSCр PrC-C,CЦPj C±Pё
PиC-PrP»C-C,PeP°Pj P· CђPsP·P»P°PrPsPj PиPsPIРμPrC-PSPePё C†P»C-Pr CђPμC,РμP»CHbPSPs
P·PIР°P¶PёC,Pё C†PиC-PIPIC-PrPSPsCёPμPSPSCЦ CђPёP·PёPeCр C- PePsCђPёC†C,C-,
PsC†C-PSPёC,Pё C,,C-P·PёC±PSC- C,P° C†PsC†C-P°P»CHbPSC- PиCђPёC±PёPSPё
P°PиCђPμC†PёPIPSpс— PиPsPIРμPrC-PSPePё, C,P°PeC- CЦPe P±PsP»CHbPsPIC-
PиPsPrCђP°P·PSPёPePё P°P±Ps PSPμPIC-PrPиPsPIC-PrPSP° CђPμP°PeC†C-CЦ PSP°
PSP°PIPePsP»PёCёPSC” C†PμCђPμPrPsPIРёC%oPμ.

P—P°C†PиPsPeC-РNεP»PёPIРёPNε РμC,,РμPeC, CђPёC†PиРμCђPёPrPsPSCр C†P»C-Pr
CђPμC,РμP»CHbPSPs PePsPSC,CђPsP»CђPIР°C,Pё Cр PиРμPrC-P°C,CђPёC±PSPёC...
PиP°C†C-C”PSC,C-PI C±PμCђPμP· PjPsP¶P»PёPIC- PSP°C†P»C-PrPePё PrP»CЦ
P·PrP°C,PSPsC†C,C- PrPs PSP°PIC±P°PSPSCЦ. P—PjC-PSP° C±P°C†Cр PIPIРμPrPμPSPSCЦ
CђPёC†PиРμCђPёPrPsPSCр PjPsP¶Pμ PиPsPeCђP°C%oPёC,Pё PIPIР»PёPI C†PμPrP°C†C-C— PSP°
P·PrP°C,PSC-C†C,CHb PrC-C,РμPNε C,P° PиC-PrP»C-C,PeC-PI PePsPSC†PμPSC,CђCрPIР°C,Pё
CрPIР°PиCр.

P—P°C†C,PsC†CрPIР°PSPSCЦ CђPёC†PиРμCђPёPrPsPSCр PиPsPIBђ™ CЦP·P°PSPμ C-P·
C†PμCђPμPrPSC-Pj P·P±C-P»CHbCёPμPSPSCЦPj PjP°C†Pё C,C-P»P° C,P° C-PSPrPμPeC†Cр
PjP°C†Pё C,C-P»P° (P†PђPђ). РμРμCђPμPr PиPsC±P°C,PePsPj P»C-PeCрPIР°PSPSCЦ
CђPμPePsPjPμPSPPrPsPIР°PSPs PиPsC±P°C,PePsPIРμ PиPёPjC-CђCђPIР°PSPSCЦ PjP°C†Pё
C,C-P»P° C- CђPμPiCрP»CЦCђPSPёPNε PjPsPSC-C,PsCђPёPSPi PjP°C†Pё C,C-P»P°
PиCђPsC,CЦPiPsPj P»C-PeCрPIР°PSPSCЦ. P—PjC-PSPё CђPsC†C,Cр Cр
PrPsPIPIPsC†C,CђPsPePsPIРёC... PIC-PrPeCђPёC,PёC... CђPsP·CёPёCђPμPSPёC...
PrPsC†P»C-PrP¶PμPSPSCЦC... P±CрP»Pё Cр PjPμP¶P°C... PsC±C-PeCрPIР°PSPёC... PSPsCђPj
PIC-PrPиPsPIC-PrPSPs PrPs PIC-PeCр. P’PиP»PёPI PrPsPIPIPsC†C,CђPsPePsPIPsPiPs
P»C-PeCрPIР°PSPSCЦ CђPёC†PиРμCђPёPrPsPSPsPj PSP° C†C,P°C,РμPIРμ
PrPsP·CђC-PIР°PSPSCЦ C,P° CђC-C†C, PSPμ PиPёPIC±P°PIC†CЦ PrPsC†C,P°C,PSC-Pj
C±PёPSPsPj.

PђPμCђPμP· PиPsC,РμPSC†C-РNεPSPёPNε PIPIР»PёPI C,CђPёPIР°P»PsC—
PiC-PиРμCђPиCђPsP»P°PeC,PёPSPμPjC-C— PSP° C,,C-P·PёC±PSPёPNε C,P° C†C,P°C,РμPIРёPNε
CђPsP·PIРёC,PsPe PrC-C,РμPNε C- PiC-PrP»C-C,PeC-PI PSPμPsP±C...C-PrPSC-
CђPμPiCрP»CЦCђPSC- PeP»C-PSC-C±PSC- PsC†C-PSPePё
PμPSPPrPsPeCђPёPSPsP»PsPiC-C±PSPsPiPs C†C,P°PSCр, C%oPs PIPeP»CђC±P°CђC,CHb PrP°PSC-
PиCђPs P·CђC-C†C,, PjP°C†Cр C,C-P»P°, PsC†C-PSPeCр C†C,P°C,РμPIPsPiPs CђPsP·PIРёC,PeCр,
PjPsPSC-C,PsCђPёPSPi PиРμCђPμP±C-PиCр PjPμPSC†C,CђCрP°P»CHbPSPёC... C†PёPeP»C-PI C,P°
C-PSCёPёC... PиPsC,РμPSC†C-РNεPSPёC... PиCђPsP»P°PeC,PёPSPsPIРёC... РμC,,РμPeC,C-PI.

P РμP·CрP»CHbC,P°C,Pё PSPμPIРμP»PёPePsPiPs PiC-C†P»CЦCђPμC”C†C,CђP°C†C-РNεPSPsPiPs
PsP±C†PμCђPIР°C†C-РNεPSPsPiPs PrPsC†P»C-PrP¶PμPSPSCЦ
PиCђPsPrPμPjPsPSC†C,CђCрPIР°P»Pё, C%oPs PиP°C†C-C”PSC,Pё PIC-PePsPj PIC-Pr 8 PrPs 16
CђPsPeC-PI, CЦPeC- P·P°C†C,PsC†PsPICрPIР°P»Pё CђPёC†PиРμCђPёPrPsPS, P±CрP»Pё PI
C†PμCђPμPrPSCђPsPjCр PSP° 3,0Bђ”4,8 C†Pj PиPёC%oPёPjPё PиPsCђC-PIPSЦPSPs P·
PиP°C†C-C”PSC,P°PjPё, CЦPeC- P·P°C†C,PsC†PsPICрPIР°P»Pё C-PSCёC-
P°PSC,PёPиC†PёC...PsC,PёC±PSC- PиCђPμPиP°CђP°C,Pё. P”P°PSPёC... C†CHbPsPiPs

PrPsCfP»C-PrP¶PµPSPSC¶ PSpµPrPsCfC,P°C,PSCHbPs, C%PsP± PIPëP·PSP°C±PëC,Pë, C±Pë
PIPIP»PëPIP°C” C¶PëCf¶PµC¶PëPrPsPS PSP° PsCfC,P°C,PsC±PSPëPNë C¶C-CfC, Cr
PrPsC¶PsCfP»PsPjCr PIC-C†C- P°P±Ps C±Pë C¶PµP·CrP»CHbC,P°C,Pë PIPëPjC-C¶C¶PIP°PSCHb
P¶C¶C¶PjPs P·P°P»PµP¶P°C,CHb PIC-Pr PIP¶P»PëPICr C¶PëCf¶PµC¶PëPrPsPSCr PSP° C¶C-CfC,
PeC-CfC,PsPe, C±Pë CfP°PjPµ P·P°C...PIPsC¶C¶PIP°PSPSC¶ PjP°C” PIP¶P»PëPI PSP° C¶C-CfC,
PeC-CfC,PsPe, C±Pë C†Pµ C” C¶PµP·CrP»CHbC,P°C,PsPj PeC¶P°C%PsPiPs PePsPSC,C¶PsP»CH
P·P°C...PIPsC¶C¶PIP°PSPSC¶, C- C¶Pe PSP°CfP»C-PrPsPe b¶” C,,C-PeCfP°C†C-C¶
P±C-P»CHbC¶PsPiPs C¶PsCfC,Cr.

PµC-Pr C±P°Cf P»C-PeCrPIP°PSPSC¶ C¶PëCf¶PµC¶PëPrPsPSPsPj PSpµPsP±C...C-PrPSC-
C¶PµPiCrP»C¶C¶PSC- PsP±CfC,PµP¶PµPSPSC¶ PrP»C¶ PIPëC¶PIP»PµPSPSC¶
PµPeCfC,C¶P°PiC-C¶P°PjC-PrPSPëC... CfPëPjPiC,PsPjC-PI C,P° C-PSCëPëC... C¶CrC...PsPIPëC...
C¶PsP·P»P°PrC-PI. P PµPePsPjPµPSPrP°C†C-C— CfC,PsCfPsPIPs PrPsP·CrPIP°PSPSC¶
PrP»C¶ PrC-C,PµPNë PrPëPI. Cr C¶PsP·PrC-P»C- B«P¶P¶PsCfC-P± P·P°CfC,PsCfCrPIP°PSPSC¶
C,P° PrPsP·PëB».

P”PsPiPsPjC-P¶PSC- C¶PµC±PsPIPëPSPë.

P>C-PeP°C¶CfCHbPePëPNë P·P°CfC-P± PjC-CfC,PëC,CHb PePëCfP»PsC,Cr
P±PµPSP·PsPNëPSCr (P• 210). P—P±C-P»CHbC¶PµPSPSC¶
P±C-P»C-C¶CrP±C-PSPµPjC-C— PjPsP¶Pµ P¶C¶PëP·PIPµCfC,Pë PrPs
PIPëPSPëPePSPµPSPSC¶ PSpµPsPSP°C,P°P»CHbPSPsC— P¶PsPIC,C¶PSPëC†C-, C¶PeP°
PjPsP¶Pµ PiPµC¶PµC¶PsCfC,Pë PI C¶PrPµC¶PSCr P¶PsPIC,C¶PSPëC†C¶
(PIC-PrPeP»P°PrP°PSPSC¶ PSpµPePsPSb¶™ C¶PiPsPIP°PSPsPiPs
P±C-P»C-C¶CrP±C-PSCr PI C,PeP°PSPëPSC- PjPsP·PeCr).

*P—P°CfC,PsCfC¿PIP°PSPSC¶ C¿ PiPµC¶C-PsPr PIP°PiC-C,PSPsCfC,C- P°P±Ps
PiPsPrC¿PIP°PSPSC¶ PiC¶C¿PrPrCH.*

*P’P°PiC-C,PSC-CfC,CHb. PµPsPSC,C¶PsP»CHbPsPIP°PSPëC... PrPsCfP»C-PrP¶PµPSCHb P·P°
CrC±P°CfC,CH PIP°PiC-C,PSPëC... P¶C-PSPsPe PSPµ P¶C¶PsPIPsPrPëP»PsCfC¶. P¶PsC±P° PiC-Pr
C±P°Cf PrPsCfP»C-PrP¶PµPSCHb PSP° C,PIP°C¶PëPSP°C... PSPµ P±CrP»Ps PIPëC¶PIP»PµPSPs
C,PµC¶P°C,PsPiPµPSPSPsPiPs PIP¶P»PëPICr, CfPiPsCfC,PµC¶C-PiP°P»PëCfC¶ C-PSCëC-
P¶C¶PsC¶PIPë C¶PµPiC¶PsPrCrPeC,PëPIPsPSC— C,PsPeCfPëC±PSPsCfC,C-.
PµPsC,PµPSC†C-PNëPSPëPNë C¶PëP·PëPe PrP»C¶ P>CHbPrPµPNë PSpµPIC-PrPsPjPëPNë.*

Pj PSpPsPIPsPSP°C¶PsPrP¶PµPSPëC..., C±PëC— PjP°C,PµC¶C- P·P°CfC,PsCfPsPICrPIP°P»Pë
P°PSC,PëPiCfPëC...PsC,PëC±PSC- P·P°CfPsP±Pë (Cr C,PsPjCr C±PëCfP»C-
C¶PëCf¶PµC¶PëPrPsPS) P¶C¶PsC,C¶PiPsPj PsCfC,P°PSPSCHbPsPiPs C,C¶PëPjPµCfC,C¶Cr
PIP°PiC-C,PSPsCfC,C-, C-CfPSCrC” C¶PëP·PëPe PIPëPSPëPePSPµPSPSC¶
PsP±PsC¶PsC,PSPëC... PµPeCfC,C¶P°PiC-C¶P°PjC-PrPSPëC... CfPëPjPiC,PsPjC-PI C,P°/P°P±Ps
CfPëPSPrC¶PsPjCr PIC-PrPjC-PSPë P¶C¶PµPiP°C¶P°C,Cr. P¶C- CfPëPjPiC,PsPjPë
PIPëP»CHbC±P°CHb,CHb P°P¶PëC,P°C†C-CHb, PSpµP·PIPëC±PSPs PiC-PrPIPëC%PµPSPëPNë P°P±Ps
P·PSPëP¶PµPSPëPNë PjPb¶™ C¶P·PsPIPëPNë C,PsPSCrCf, C,C¶PµPjPsC¶, CfPsPSP»PëPIC-CfC,CHb,
C¶PsP·P»P°PrPë PrPëC...P°PSPSC¶ P°P±Ps P¶C¶PsP±P»PµPjPë P· PiPsPrCrPIP°PSPSC¶Pj. P¶C-
CrCfPeP»P°PrPSPµPSPSC¶ PjPsP¶CfC,CHb P±CrC,Pë C¶C-P·PSPsC— C,C¶P¶PePsCfC,C-.
P¶PsPjCr CfP»C-Pr C¶PµC,PµP»CHbPSPs CfPiPsCfC,PµC¶C-PiP°C,Pë P·P° CfC,P°PSPsPj
PSPsPIPsPSP°C¶PsPrP¶PµPSPëC....

P PëCf¶PµC¶PëPrPsPS PSPµ C¶PµPePsPjPµPSPrCrC”C,CHbCfC¶ P·P°CfC,PsCfPsPICrPIP°C,Pë

PiC-Pr C#P°Cí PIP°PiC-C,PSPsCíC,C-, PsPeCíC-Pj PIPëPiP°PrPeC-PI P¶PëC,C,C"PIPsC—
PSPµPsP±C...C-PrPSPsCíC,C-. PíPeC%Ps PiPsC,CíC-P±PSPs PiCíPëPiPëPSPëC,Pë
P»C-PeCíPIP°PSPSCí CíPëCíPiPµCíPëPrPsPSPsPj PiC-Pr C#P°Cí PIP°PiC-C,PSPsCíC,C-, PSPµ
CíP»C-Pr CíPµP±PëC,Pë C†Pµ CíP°PiC,PSPsPSPs.

PµPµCíC-PsPr PiPsPrC¿PIP°PSPSCí PiCíC¿PrPrCí. PJ C...PsPrC- PrPsCíP»C-PrP¶PµPSCí
PSP° C,PIP°CíPëPSP°C... CíPëCíPiPµCíPëPrPsPS C-
9-PiC-PrCíPµPsPeCíPëCíPëCíPiPµCíPëPrPsPS PIPëPrC-P»CíP»PëCíCí Cí PiCíCíPrPSPµ
PjPsP»PsPePs. P—P° PrP°PSPëPjPë CíPíPsCíC,PµCíPµP¶PµPSCí, CíPëCíPiPµCíPëPrPsPS C-
9-PiC-PrCíPµPsPeCíPëCíPëCíPiPµCíPëPrPsPS PjPsP¶CíC,CíC C,P°PePsP¶
PIPëPrC-P»CíC,PëCíCí Cí PiCíCíPrPSPµ PjPsP»PsPePs P»CíPrPëPSPë. PkPµPjP°C"
PrP°PSPëC... PiCíPµ PiPsP±C-C#PSC- CíPµP°PeC†C-C— Cí PSPµPjPsPIP»CíC,, CíPeC-
PiPµCíPµP±CíPIP°CíC,CíC PSP° PiCíCíPrPSPsPjCí PiPsPrCíPIP°PSPSC-. PhC,P¶Pµ,
PiPµCíPµPIP°PiP° PiCíCíPrPSPsPiPs PIPëPiPsPrPsPICíPIP°PSPSCí PjP°C" P±CíC,Pë
P·C-CíC,P°PIP»PµPSP° P· PiPsC,PµPSC†C-PµPSPëPjPë CíPëP·PëPeP°PjPë PrP»Cí PrPëC,PëPSPë.

PµPµCíC,PëP»CíPSC-CíC,CíC. PíPe C- C-PSC€C- P°PSC,P°PiPsPSC-CíC,Pë
PrPsPiP°PjC-PSPsPIPëC... D₂-CíPµC†PµPiC,PSCíC-PI, CíPëCíPiPµCíPëPrPsPS
PIPëPeP»PëPeP°C" P·P±C-P»CíC€PµPSPSCí CíC-PIPSCí PiCíPµP»P°PeC,PëPSCí.
P"C-PiPµCíPíCíPµP»P°PeC,PëPSPµPjC-Cí PjPsP¶Pµ PiCíPëPiPSC-C#CíPIP°C,Pë
PIPëCíPµP±P»PµPSPSCí PiPsPSP°PrPsC,CíPµPiC-PS-CíPëP»C-P·PëPSPi-PiPsCíPjPsPSCí PI
PiC-PiPsC,P°P»P°PjCíCíC- Pµ PiCíPëP·PiPsPrPëC,Pë PrPs P·PSPëP¶PµPSPSCí
CíPµPeCíPµC†C-C— PiC-PiPsC,,C-P·P°CíPSPsPiPs PiPsPSP°PrPsC,CíPµPiC-PSCí. PiPµ PjPsP¶Pµ
C-PSPiC-P±CíPIP°C,Pë CíPµPiCíPµPrCíPeC,PëPiPSCí C,,CíPSPeC†C-Cí C€P»CíC...PsPj
PiPsCíCíC€PµPSPSCí PiPsPSP°PrP°P»CíPSPsPiPs CíC,PµCíPµC—PrPsPiPµPSPµP·Cí CíPe Cí
P¶C-PSPsPe, C,P°Pe C- Cí C#PsP»PsPIC-PeC-PI.

PJ PeP»C-PSC-C#PSPëC... PrPsCíP»C-PrP¶PµPSPSCíC... PSPµ CíPíPsCíC,PµCíC-PiP°P»PëCíCí
PIC-PrPiPsPIC-PrPSC- PµC,,PµPeC,Pë.

P—PrP°C,PSC-CíC,CíC PIPiP»PëPIP°C,Pë PSP° C€PIPëPrPeC-CíC,CíC CíPµP°PeC†C-C— PiCíPë
PePµCíC¿PIP°PSPSC- P°PIC,PsC,CíP°PSCíPiPsCíC,PSPj P°P±Ps C-PSC€PëPjPë
PjPµC...P°PSC-P·PjP°PjPë.

P PëCíPiPµCíPëPrPsPS PjPsP¶Pµ PjP°C,Pë PSPµP·PSP°C#PSPëPµ C#Pë PiPsPjC-CíPSPëPµ
PIPiP»PëPI PSP° P·PrP°C,PSC-CíC,CíC PePµCíCíPIP°C,Pë P°PIC,PsC,CíP°PSCíPiPsCíC,PSPj
PIPSP°CíP»C-PrPsPe PiPsC,PµPSC†C-PµPSPsPiPs PIPiP»PëPICí PSP° PSPµCíPµPICí
CíPëCíC,PµPjCí C- PsCíPiP°PSPë P·PsCíCí (PrPëPI. CíPµP·PrC-P» B«PµPsP±C-C#PSC-
CíPµP°PeC†C-C—B»). PJ PiCíPµC†PµCíC- P»C-PeCíPIP°PSPSCí
CíPµPePsPjPµPSPPrCíC"C,CíCíCí CíC,CíPëPjCíPIP°C,PëCíCí PIC-Pr PePµCíCíPIP°PSPSCí
P°PIC,PsC,CíP°PSCíPiPsCíC,PSPj P°P±Ps CíPµP±PsC,Pë P· C-PSC€PëPjPë
PjPµC...P°PSC-P·PjP°PjPë, PrPsPePë PSPµ CíC,P°PSPµ PIC-PrPsPjPsCí
C-PSPPrPëPIC-PrCíP°P»CíPSP° C#CíC,P»PëPIC-CíC,CíC PiP°C†C-C"PSC,C-PI PrPs
PiCíPµPiP°CíP°C,Cí.

PYPiPsCíC-P± P·P°CíC,PSCíC¿PIP°PSPSCí C,P° PrPsP·Pë.

P"PsP·C¿PIP°PSPSCí

РѢРѢР·РsC„C҃PμPSC-Cl

P”PsC҃PSCІP»C-

P·C҃P-C-PrPsPS^{B®} PjPsP҃PSP° PіC҃PѢPN᳚PjP°C, PѢ 1 P°P±Ps 2 C҃P°P·PѢ PSP° PrPsP±Cf.

P PsP·PіPsC҃PѢPSP°C, PѢ PіC҃PѢPN᳚PsPj CІP»C-Pr C-P 2 PjPi PSP° PrPsP±Cf, PSP° 2-PN᳚ PrPμPSC҃H PrPsP·Cf PjPsP҃PSP° P·P±C-P»CHCЄPѢC, PѢ PrPs 4 PjPi. PμC-CІP»CІ C҃CHPsPiPs PrPsP·Cf PjPsP҃PSP° PіC-PrC, C҃PѢPjCfPIP°C, PѢ P±PμP· P·PjC-PS P°P±Ps, P·P° PSPμPsP±C...C-PrPSPsCfC, C-, PіC҃PsPrPsPIP҃CfPIP°C, PѢ C-PSPrPѢPIC-PrCfP°P»CHPSCf PePsC҃PμPeC҃C-C҃H PrPsP·PѢ. P”P»CІ P±C-P»CHCЄPsCfC, C- PіP°C҃C-C”PSC, C-PI C҃PμPePsPjPμPSPPrPsPIP°PSP° PrPsP·P° CfC, P°PSPsPIPѢC, CH 4B҃”6 PjPi PSP° PrPsP±Cf. P”PμCІPѢPѢPj PіP°C҃C-C”PSC, P°Pj PjPsP҃Pμ P±CfC, PѢ PіPsPeP°P·P°PSPμ PіPsCfC, CfPіPsPIPμ PіC-PrPIPѢC%PμPSPSCІ PrPsP·PѢ P°P±Ps P·PSPѢP҃PμPSP° PіPsC҃P°C, PePsPIP° PrPsP·P°.

P”PsP·PѢ, CІPeC- PіPμC҃PμPIPѢC%CfC҃H, CH 10 PjPi PSP° PrPsP±Cf, PSPμ PIPѢCІPIPѢP»PѢ PIPѢC%PsC— PμC„PμPeC, PѢPIPSsCfC, C- PіPsC҃P-C-PIPSCІPSPs P· PjPμPSCЄPѢPjPѢ PrPsP·P°PjPѢ, P°P»Pμ PIPsPSPѢ PjPsP҃CfC, CH CfPіC҃PѢC҃PѢPSCІC, PѢ PіPsCІPICf PμPeCfC, C҃P°PіC-C҃P°PjC-PrPSPѢC... CfPѢPjPіC, PsPjC-PI. P”PμP·PіPμPeP° PrPsP·, C%Ps PіPμC҃PμPIPѢC%CfC҃H, CH 16 PjPi PSP° PrPsP±Cf, PSPμ PIPѢPIC҃P°P»P°CfCІ.

PμP°C҃C-C”PSC, PѢ P»C-C, PSCHPsPiPs PIC-PeCз (PIC-PePsPj PIC-Pr 65 C҃PSPeC-PI)

P PμPePsPjPμPSPPrPsPIP°PSP° PіPsC҃P°C, PePsPIP° PrPsP·P° B҃” PіPs 0,5 PjPi 2 C҃P°P·PѢ PSP° PrPsP±Cf. Pj C҃P°P·C- PSPμPsP±C...C-PrPSPsCfC, C- PrPsP·Cf PjPsP҃PSP° P·P±C-P»CHCЄPѢC, PѢ PrPs 1B҃”2 PjPi 2 C҃P°P·PѢ PSP° PrPsP±Cf, PіC-PrPIPѢC%CfC҃H PѢ PSP° 0,5 PjPi 2 C҃P°P·PѢ PSP° PrPsP±Cf.

P”C-C, PѢ

PkPμ C҃PμPePsPjPμPSPPrPsPIP°PSPs P·P°CfC, PsCfPsPICfPIP°C, PѢ P»C-PeP°C҃CfCHPePѢPN᳚ P·P°CfC-P± PrC-C, CІPj (PIC-PePsPj PrPs 18 C҃PSPeC-PI).

P҃P°PSC-P°PeP°P»CHPSC- PμPіC-P·PsPrPѢ PіC҃PѢ P±C-PіPsP»CІC҃PSPѢC...
C҃PSPsP·P»P°PrP°C....

P”PsC҃PSCІP»C-

P PμPePsPjPμPSPPrPsPIP°PSP° PіPsC҃P°C, PePsPIP° PrPsP·P° P»C-PeP°C҃CfCHPePsPiPs P·P°CfPsP±Cf P·C҃P-C-PrPsPS^{B®} B҃” 2 PjPi 1 C҃P°P· PSP° PrPsP±Cf. P”PsP·Cf PjPsP҃PSP° C-PSPrPѢPIC-PrCfP°P»CHPSPs P·P±C-P»CHCЄPѢC, PѢ PrPsPrP°PIP°PSPSCІPj 1 PjPi PSP° PrPsP±Cf PSPμ C҃P°CfC, C-ЄPμ PSC-P҃ C҃PμC҃PμP· PePsP҃PSC- 24 PіPsPrPѢPSPѢ. P PμPePsPjPμPSPPrPsPIP°PSPѢPN᳚ PrC-P°PіP°P·PsPS PrPsP· B҃” PIC-Pr 1 PrPs 6 PjPi PSP° PrPsP±Cf. P—P°CfC, PsCfCfPIP°PSPSCІ C҃PѢCfPіPμC҃PѢPrPsPSCf Cf PrPsP·C- PіPsPSP°Pr 6 PjPi PSP° PrPsP±Cf PіP°C҃C-C”PSC, P°Pj P· PjP°PSC-P°PeP°P»CHPSPѢPjPѢ PμPіC-P·PsPrP°PjPѢ PSPμ PIPѢPIC҃P°P»PsCfCH.

PіPe C- PіC҃PѢ C-PSCЄPѢC... PIPѢPrP°C... CfPѢPjPіC, PsPjP°C, PѢC҃PSPsPiPs P»C-PeCfPIP°PSPSCІ, PіC҃PѢ PrPsPIPiPsC, C҃PѢPIP°P»PsPjCf P·P°CfC, PsCfCfPIP°PSPSC- P»C-PeP°C҃CfCHPePsPiPs P·P°CfPsP±Cf P·C҃P-C-PrPsPS^{B®} PSPμPsP±C...C-PrPSPs PіPμC҃P-C-PrPѢC҃PSPs PіPμC҃PμPiP»CІPrP°C, PѢ PrPsP·PѢ C- PePsC҃PѢPіCfPIP°C, PѢ C—C... PіC҃PsC, CІPiPsPj CfCfCHPsPiPs PіPμC҃P-C-PrCf P»C-PeCfPIP°PSPSCІ.

PμP°C†C-C"PSC,Pë P»C-C,PSCHbPsPiPs PIC-PeCž (PIC-PePsPj PIC-Pr 65 CḡPsPeC-PI)

P PμPePsPjPμPSPPrPsPIP°PSP° PīPsC‡P°C,PePsPIP° PrPsP·P° бḡ" PīPs 0,5 PjPi 2 CḡP°P·Pë PSP° PrPsP±Cṛ. Pj CḡP°P·C- PSPμPsP±C...C-PrPSPsCṛC,C- PrPsP·Cṛ PjPsP¶PSP° P·P±C-P»CHbC€PëC,Pë PrPs 1бḡ"2 PjPi 2 CḡP°P·Pë PSP° PrPsP±Cṛ, PīC-PrPIPëC‰CṛCḡC‡Pë PSP° 0,5 PjPi 2 CḡP°P·Pë PSP° PrPsP±Cṛ. PhCṛPeC-P»CHbPePë PrPsCṛPIC-Pr P·P°CṛC,PsCṛCṛPIP°PSPSCḷ PīCḡPμPīP°CḡP°C,Cṛ PīP°C†C-C"PSC,P°Pj P»C-C,PSCHbPsPiPs PIC-PeCṛ PsP±PjPμP¶PμPSPëPNë, CḡPμPePsPjPμPSPPrCṛC"C,CHbCṛCḷ PsP±PμCḡPμP¶PSC-CṛC,CHb.

P"C-C,Pë

P—P°CṛC,PsCṛPsPICṛPIP°C,Pë P»C-PeP°CḡCṛCHbPePëPNë P·P°CṛC-P± PrC-C,CḷPj (PIC-PePsPj PrPs 18 CḡPsPeC-PI) PSPμ CḡPμPePsPjPμPSPPrPsPIP°PSPs.

PḷPsCḡPsC,PePsC‡P°CṛPSP° C,PμCḡP°PīC-Cḷ PIPëCḡP°P¶PμPSPsC— P°PīCḡPμCṛC-C— Cṛ PīP°C†C-C"PSC,C-PI P· PrPμPjPμPSC†C-C"Cḡ P°P»CHbC†PīPμPNëPjPμCḡC-PICṛCHbPePsPiPs C,PëPīCṛ

P PμPePsPjPμPSPPrPsPIP°PSP° PīPsC‡P°C,PePsPIP° PrPsP·P° бḡ" 0,25 PjPi 2 CḡP°P·Pë PSP° PrPsP±Cṛ. PμCḡPë PSPμPsP±C...C-PrPSPsCṛC,C- PrPsP·Cṛ PjPsP¶PSP° P·P±C-P»CHbC€PëC,Pë C€P»CḷC...PsPj PīC-PrPIPëC‰PμPSPSCḷ PrPsP·Pë 0,25 PjPi 2 CḡP°P·Pë PSP° PrPsP±Cṛ PSPμ C‡P°CṛC,C-C€Pμ PSC-P¶ C‡PμCḡPμP· PrPμPSCHb. P"P»Cḷ P±C-P»CHbC€PsCṛC,C- PīP°C†C-C"PSC,C-PI PsPīC,PëPjP°P»CHbPSPsCḡ PrPsP·PsCḡ C" 0,5 PjPi 2 CḡP°P·Pë PSP° PrPsP±Cṛ. PhPrPSP°Pe PrP»Cḷ PrPμCḷPePëC... PīP°C†C-C"PSC,C-PI PμC,,PμPeC,PëPIPSCṛ PrPsP·Cṛ PjPsP¶PSP° P·P±C-P»CHbC€PëC,Pë PrPs 1 PjPi 2 CḡP°P·Pë PSP° PrPsP±Cṛ. P PëCṛPīPμCḡPëPrPsPS PSPμ CṛP»C-Pr P·P°CṛC,PsCṛPsPICṛPIP°C,Pë PrPsPIC€Pμ 6 C,PëP¶PSC-PI PīP°C†C-C"PSC,P°Pj P· PIPëCḡP°P¶PμPSPsCḡ P°PīCḡPμCṛC-C"Cḡ PīCḡPë C...PIPSCḡPsP±C- PhP»CHbC†PīPμPNëPjPμCḡP°.

PīPe C- PīCḡPë C-PSC€PëC... PIPëPrP°C... CṛPëPjPīC,PsPjP°C,PëC‡PSPsPiPs P»C-PeCṛPIP°PSPSCḷ, P·P°CṛC,PsCṛCṛPIP°PSPSCḷ P»C-PeP°CḡCṛCHbPePsPiPs P·P°CṛPsP±Cṛ P·CḡC-PrPsPS^{B°} PSPμPsP±C...C-PrPSPs PīPμCḡC-PsPrPëC‡PSPs PīPμCḡPμPīP»CḷPrP°C,Pë C- PePsCḡPëPīCṛPIP°C,Pë PīCḡPsC,CḷPiPsPj CṛCṛCHbPsPiPs PīPμCḡC-PsPrCṛ P»C-PeCṛPIP°PSPSCḷ.

PŸPëPjPīC,PsPjP°C,PëC‡PSPμ PePsCḡPsC,PePsCṛC,CḡPsPePsPIPμ P»C-PeCṛPIP°PSPSCḷ (PrPs 6 C,PëP¶PSC-PI) PIPëCḡP°P¶PμPSPsC— P°PīCḡPμCṛC-C— PīCḡPë CḡPsP·P»P°PrP°C... PīPsPIPμPrC-PSPePë

P"C-C,Pë C,P° PīC-PrP»C-C,PePë PIC-PePsPj PIC-Pr 5 PrPs 18 CḡPsPeC-PI

PμP°C†C-C"PSC,Pë P· PjP°CṛPsCḡ C,C-P»P° ≥ 50 PePi. P PμPePsPjPμPSPPrPsPIP°PSP° PīPsC‡P°C,PePsPIP° PrPsP·P° CṛC,P°PSPsPIPëC,CHb 0,5 PjPi 1 CḡP°P· PSP° PrPsP±Cṛ. P—P° PSPμPsP±C...C-PrPSPsCṛC,C- PrPsP·Cṛ CṛP»C-Pr PePsCḡPëPīCṛPIP°C,Pë C€P»CḷC...PsPj PrPsPrP°PIP°PSPSCḷ 0,5 PjPi 1 CḡP°P· PSP° PrPμPSCHb PSPμ C‡P°CṛC,C-C€Pμ PSC-P¶ C‡PμCḡPμP· PrPμPSCHb. PhPīC,PëPjP°P»CHbPSP° PrPsP·P° PrP»Cḷ P±C-P»CHbC€PsCṛC,C- PīP°C†C-C"PSC,C-PI бḡ" 1 PjPi 1 CḡP°P· PSP° PrPμPSCHb. PhPrPSP°Pe PrPμCḷPePëPj PīP°C†C-C"PSC,P°Pj PrP»Cḷ PrPsCṛCḷPiPSPμPSPSCḷ PīPsP·PëC,PëIPSPsPiPs PμC,,PμPeC,Cṛ PrPsCṛC,P°C,PSCHbPs PSPμ P±C-P»CHbC€Pμ 0,5 PjPi PsPrPëPS CḡP°P· PSP° PrPμPSCHb, C,PsPrC- CḷPe C-PSC€C- PjPsP¶CṛC,CHb PīPsC,CḡPμP±CṛPIP°C,Pë 1,5 PjPi 1 CḡP°P· PSP° PrPμPSCHb.

$P_{\mu}P^{\circ}C^{\dagger}C-C''PSC, P_{\tilde{e}}P \cdot P_jP^{\circ}C^{\dagger}PsCH C, C-P \gg P^{\circ} < 50 PePi. P P_{\mu}PePsP_jP_{\mu}PSP_rPsPIP^{\circ}PSP^{\circ}$
 $P_{\tilde{i}}PsC^{\dagger}P^{\circ}C, PePsPIP^{\circ} PrPsP \cdot P^{\circ} \text{ в } \tilde{H}'' 0,25 P_jPi 1 C_{\tilde{H}}P^{\circ}P \cdot PSP^{\circ} PrPsP \pm Cr. P-P^{\circ}$
 $PSP_{\mu}PsP \pm C \dots C-PrPSPsC^{\dagger}C, C- PrPsP \cdot Cr P_jPsP \parallel PSP^{\circ} PePsC_{\tilde{H}}P_{\tilde{e}}PiC^{\dagger}PIP^{\circ}C, P_{\tilde{e}} C \in P \gg C_{\tilde{I}}C \dots PsP_j$
 $PrPsPrP^{\circ}PIP^{\circ}PSPSC_{\tilde{I}} 0,25 P_jPi 1 C_{\tilde{H}}P^{\circ}P \cdot PSP^{\circ} PrPsP \pm Cr PSP_{\mu} C^{\dagger}P^{\circ}C^{\dagger}C, C-C \in P_{\mu} PSC-P \parallel$
 $C^{\dagger}P_{\mu}C_{\tilde{H}}P_{\mu}P \cdot PrP_{\mu}PSC_{\tilde{H}}. P_{\tilde{h}}PiC, P_{\tilde{e}}P_jP^{\circ}P \gg CH_PSP^{\circ} PrPsP \cdot P^{\circ} PrP \gg C_{\tilde{I}} P \pm C-P \gg CH_C \in PsC^{\dagger}C, C-$
 $P_{\tilde{i}}P^{\circ}C^{\dagger}C-C''PSC, C-PI \text{ в } \tilde{H}'' 0,5 P_jPi 1 C_{\tilde{H}}P^{\circ}P \cdot PSP^{\circ} PrPsP \pm Cr. P_{\tilde{h}}PrPSP^{\circ}Pe PrP \gg C_{\tilde{I}}$
 $PrP_{\mu}C_{\tilde{I}}PeP_{\tilde{e}}C \dots P_{\tilde{i}}P^{\circ}C^{\dagger}C-C''PSC, C-PI PrPsC^{\dagger}C, P^{\circ}C, PSC_{\tilde{H}}Ps PSP_{\mu} P \pm C-P \gg CH_C \in P_{\mu}$
 $PSC-P \parallel 0,25 P_jPi 1 C_{\tilde{H}}P^{\circ}P \cdot PSP^{\circ} PrPsP \pm Cr PrP \gg C_{\tilde{I}} PrPsC^{\dagger}C_{\tilde{I}}PiPSP_{\mu}PSPSC_{\tilde{I}}$
 $P_{\tilde{i}}PsP \cdot P_{\tilde{e}}C, P_{\tilde{e}}PIPSPsPiPs P_{\mu}C, P_{\mu}PeC, Cr, C, PsPrC- C_{\tilde{I}}Pe C-PSC \in C- P_jPsP \parallel CrC, CH$
 $P_{\tilde{i}}PsC, C_{\tilde{H}}P_{\mu}P \pm CrPIP^{\circ}C, P_{\tilde{e}} 0,75 P_jPi 1 C_{\tilde{H}}P^{\circ}P \cdot PSP^{\circ} PrPsP \pm Cr.$

$P_{\tilde{i}}Pe C- P_{\tilde{i}}C_{\tilde{H}}P_{\tilde{e}} C-PSC \in P_{\tilde{e}}C \dots PIP_{\tilde{e}}PrP^{\circ}C \dots C^{\dagger}P_{\tilde{e}}P_jPiC, PsP_jP^{\circ}C, P_{\tilde{e}}C^{\dagger}PSPsPiPs$
 $P \gg C-PeC^{\dagger}PIP^{\circ}PSPSC_{\tilde{I}}, P \cdot P^{\circ}C^{\dagger}C, PsC^{\dagger}CrPIP^{\circ}PSPSC_{\tilde{I}} C_{\tilde{H}}P_{\tilde{e}}C^{\dagger}PiP_{\mu}C_{\tilde{H}}P_{\tilde{e}}PrPsPSC^{\dagger}$
 $PSP_{\mu}PsP \pm C \dots C-PrPSPs P_{\tilde{i}}P_{\mu}C_{\tilde{H}}C-PsPrP_{\tilde{e}}C^{\dagger}PSPs P_{\tilde{i}}P_{\mu}C_{\tilde{H}}P_{\mu}PiP \gg C_{\tilde{I}}PrP^{\circ}C, P_{\tilde{e}} C-$
 $PePsC_{\tilde{H}}P_{\tilde{e}}PiC^{\dagger}PIP^{\circ}C, P_{\tilde{e}} P_{\tilde{i}}C_{\tilde{H}}PsC, C_{\tilde{I}}PiPsP_j CrC^{\dagger}CH_PsPiPs P_{\tilde{i}}P_{\mu}C_{\tilde{H}}C-PsPrCr$
 $P \gg C-PeC^{\dagger}PIP^{\circ}PSPSC_{\tilde{I}}.$

$P''C-C, P_{\tilde{e}} PIC-PePsP_j PrPs 5 C_{\tilde{H}}PsPeC-PI$

$P-P^{\circ}C^{\dagger}C, PsC^{\dagger}PsPIC^{\dagger}PIP^{\circ}C, P_{\tilde{e}} P \gg C-PeP^{\circ}C_{\tilde{H}}C^{\dagger}CH_PeP_{\tilde{e}}PN_{\tilde{e}} P \cdot P^{\circ}C^{\dagger}C-P \pm PrC-C, C_{\tilde{I}}P_j PIC-PePsP_j$
 $PrPs 5 C_{\tilde{H}}PsPeC-PI PSP_{\mu} C_{\tilde{H}}P_{\mu}PePsP_jP_{\mu}PSP_rPsPIP^{\circ}PSPs.$

$P_{\mu}P^{\circ}C^{\dagger}C-C''PSC, P_{\tilde{e}} C-P \cdot P \cdot P^{\circ}C \dots PIPsC_{\tilde{H}}CH_PIP^{\circ}PSPSC_{\tilde{I}}P_jP_{\tilde{e}} P_{\tilde{i}}P_{\mu}C^{\dagger}C-PSPeP_{\tilde{e}} C, P^{\circ} PSP_{\tilde{e}}C_{\tilde{H}}PsPe$

$P_j P_{\tilde{i}}P^{\circ}C^{\dagger}C-C''PSC, C-PI C-P \cdot P_{\tilde{i}}PsC_{\tilde{H}}CrC \in P_{\mu}PSPSC_{\tilde{I}}P_jP_{\tilde{e}} C, CrPSPeC^{\dagger}C-C- PSP_{\tilde{e}}C_{\tilde{H}}PsPe$
 $P^{\circ}PeC, P_{\tilde{e}}PIPSP^{\circ} P^{\circ}PSC, P_{\tilde{e}}PiC^{\dagger}P_{\tilde{e}}C \dots PsC, P_{\tilde{e}}C^{\dagger}PSP^{\circ} C, C_{\tilde{H}}P^{\circ}PeC^{\dagger}C-C_{\tilde{I}} PIP_{\tilde{e}}PiPsPrP_{\tilde{e}}C, CH_C^{\dagger}C_{\tilde{I}} P \cdot$
 $PsC_{\tilde{H}}PiP^{\circ}PSC-P \cdot P_jCr P_{\tilde{i}}PsPIC-P \gg CH_PSC-C \in P_{\mu}, PSC-P \parallel Cr P_{\tilde{i}}P^{\circ}C^{\dagger}C-C''PSC, C-PI P \cdot C-$
 $P \cdot PrPsC_{\tilde{H}}PsPIP_{\tilde{e}}P_jP_{\tilde{e}} PSP_{\tilde{e}}C_{\tilde{H}}PeP^{\circ}P_jP_{\tilde{e}}. P_j P_{\tilde{i}}P^{\circ}C^{\dagger}C-C''PSC, C-PI C-P \cdot P_{\tilde{i}}PsC_{\tilde{H}}CrC \in P_{\mu}PSPSC_{\tilde{I}}P_jP_{\tilde{e}}$
 $C, CrPSPeC^{\dagger}C-C- P_{\tilde{i}}P_{\mu}C^{\dagger}C-PSPeP_{\tilde{e}} PePsPSC^{\dagger}P_{\mu}PSC, C_{\tilde{H}}P^{\circ}C^{\dagger}C-C_{\tilde{I}} PIC-P \gg CH_PSPsC-$
 $C, C_{\tilde{H}}P^{\circ}PeC^{\dagger}C-C- C_{\tilde{H}}P_{\tilde{e}}C^{\dagger}PiP_{\mu}C_{\tilde{H}}P_{\tilde{e}}PrPsPSC^{\dagger} Cr P_{\tilde{i}}P \gg P^{\circ}P \cdot P_jC- PeC_{\tilde{H}}PsPIC-$
 $P \cdot P \pm C-P \gg CH_C \in CrC''C, CH_C^{\dagger}C_{\tilde{I}}.$

$P_{\tilde{k}}P_{\mu}P \cdot P^{\circ}P \gg P_{\mu}P \parallel PSPs PIC-Pr P_{\tilde{i}}PsPeP^{\circ}P \cdot P^{\circ}PSPSC_{\tilde{I}}, C^{\dagger}P_{\tilde{e}}P_j P_{\tilde{i}}P^{\circ}C^{\dagger}C-C''PSC, P^{\circ}P_j$
 $P_{\tilde{i}}C_{\tilde{H}}P_{\tilde{e}}P \cdot PSP^{\circ}C^{\dagger}P^{\circ}C, CH_C^{\dagger}C_{\tilde{I}} P_{\tilde{i}}PsP \gg PsPIP_{\tilde{e}}PSP^{\circ} P_{\tilde{i}}PsC^{\dagger}P^{\circ}C, PePsPIPsC- C, P^{\circ}$
 $P_{\tilde{i}}C-PrC, C_{\tilde{H}}P_{\tilde{e}}P_jCrC_{\tilde{H}}C^{\dagger}PsC- PrPsP \cdot, C, P_{\tilde{e}}C, C_{\tilde{H}}CrPIP^{\circ}PSPSC_{\tilde{I}} PrPsP \cdot P_{\tilde{e}} P_{\tilde{i}}PsPIP_{\tilde{e}}PSPSPs$
 $P \pm CrC, P_{\tilde{e}} P_{\tilde{i}}PsPIC-P \gg CH_PSC-C \in P_{\tilde{e}}P_j.$

$P P_{\tilde{e}}C^{\dagger}PiP_{\mu}C_{\tilde{H}}P_{\tilde{e}}PrPsPS P_{\tilde{i}}PsC, C_{\tilde{H}}C-P \pm PSPs P \cdot P^{\circ}C^{\dagger}C, PsC^{\dagger}PsPIC^{\dagger}PIP^{\circ}C, P_{\tilde{e}} P \cdot$
 $PsP \pm P_{\mu}C_{\tilde{H}}P_{\mu}P \parallel PSC-C^{\dagger}C, CH PrP^{\circ}PSC-PN_{\tilde{e}} PeP^{\circ}C, P_{\mu}PiPsC_{\tilde{H}}C-C- P_{\tilde{i}}P^{\circ}C^{\dagger}C-C''PSC, C-PI.$

$P_{\tilde{Y}}PiPsC^{\dagger}C-P \pm P \cdot P^{\circ}C^{\dagger}C, PsC^{\dagger}C^{\dagger}PIP^{\circ}PSPSC_{\tilde{I}}$

$P \gg C-PeP^{\circ}C_{\tilde{H}}C^{\dagger}CH_PeP_{\tilde{e}}PN_{\tilde{e}} P \cdot P^{\circ}C^{\dagger}C-P \pm P \cdot C_{\tilde{H}}C-PrPsPS^B P_{\tilde{i}}C_{\tilde{H}}P_{\tilde{e}}P \cdot PSP^{\circ}C^{\dagger}P_{\mu}PSP_{\tilde{e}}PN_{\tilde{e}} PrP \gg C_{\tilde{I}}$
 $P_{\tilde{i}}P_{\mu}C_{\tilde{H}}PsC_{\tilde{H}}P^{\circ}P \gg CH_PSPsPiPs P \cdot P^{\circ}C^{\dagger}C, PsC^{\dagger}CrPIP^{\circ}PSPSC_{\tilde{I}}. P_{\tilde{H}}C_{\tilde{H}}P_{\tilde{e}}PN_{\tilde{e}}PsP_j C-P \parallel C-$
 $PSP_{\mu} PIP_{\tilde{i}}P \gg P_{\tilde{e}}PIP^{\circ}C'' PSP^{\circ} PIC^{\dagger}P_jPsPeC, CrPIP^{\circ}PSPSC_{\tilde{I}} C_{\tilde{H}}P_{\tilde{e}}C^{\dagger}PiP_{\mu}C_{\tilde{H}}P_{\tilde{e}}PrPsPSC^{\dagger}.$

$P_{\tilde{k}}P^{\circ}P_{\tilde{i}}C_{\tilde{H}}P_{\tilde{e}}PeC-PSC^{\dagger}C- P \gg C-PeC^{\dagger}PIP^{\circ}PSPSC_{\tilde{I}} C_{\tilde{H}}P_{\mu}PePsP_jP_{\mu}PSP_rCrC''C, CH_C^{\dagger}C_{\tilde{I}}$
 $P_{\tilde{i}}PsC^{\dagger}C, CrPiPsPiPs PIC-PrP_jC-PSC_{\tilde{I}}C, P_{\tilde{e}} P \gg C-PeP^{\circ}C_{\tilde{H}}C^{\dagger}CH_PeP_{\tilde{e}}PN_{\tilde{e}} P \cdot P^{\circ}C^{\dagger}C-P \pm. P_{\tilde{H}}C-C^{\dagger}P \gg C_{\tilde{I}}$
 $C_{\tilde{H}}P^{\circ}PiC, PsPiPsPiPs P_{\tilde{i}}C_{\tilde{H}}P_{\tilde{e}}PiP_{\tilde{e}}PSP_{\mu}PSPSC_{\tilde{I}} P_{\tilde{i}}C_{\tilde{H}}P_{\tilde{e}}PN_{\tilde{e}}PsP_jCr PIP_{\tilde{e}}C^{\dagger}PsPeP_{\tilde{e}}C \dots PrPsP \cdot$
 $P^{\circ}PSC, P_{\tilde{e}}PiC^{\dagger}P_{\tilde{e}}C \dots PsC, P_{\tilde{e}}C^{\dagger}PSP_{\tilde{e}}C \dots P_{\tilde{i}}C_{\tilde{H}}P_{\mu}PiP^{\circ}C_{\tilde{H}}P^{\circ}C, C-PI C^{\dagger}PiPsC^{\dagger}C, P_{\mu}C_{\tilde{H}}C-PiP^{\circ}P \gg P_{\tilde{e}}C^{\dagger}C_{\tilde{I}}$

PiPsPsPrPëPSPsPeC- PIPëPiP°PrPePë PiPsCíC, CĤPëC... CíPëPjPiC, PsPjC-PI PIC-PrPjC-PSPë, C%oPs PiCĤPsCĬPIP»CĬPIP»PëCíCĬ PSCrPrPsC, PsCĤ, P±P»CĤPIP°PSPSCĬPIj, PiC-C, P»PëPIC-CíC, CĤ C- P±PμP·CíPsPSPSCĬPIj (PrPëPI. CĤPsP·PrC-P» B«PμPsP±C-C±PSC-CĤPμP°PeC†C-C-B»). PÿP°PePsP¶ PjPsP¶CíC, CĤ P±CíC, Pë CĤPμC†PëPrPëPIPë PiCíPëC...PsC, PëC±PSPëC... CíPëPjPiC, PsPjC-PI, PiPsPIC-PrPsPjP»CĬPIP»PsCíCĬ PiCĤPs PIPëPiP°PrPePë PIPëPSPëPePSPμPSPSCĬ PjPëPjPsPIC-P»CĤPSPëC... CĤCíC...C-PI (CĬPe, PSP°PiCĤPëPeP»P°Pr, P°PeP°C, PëP·C-CĬ, PrPëCíC, PsPSC-CĬ C- PrPëCíPeC-PSPμP·C-CĬ).

PμPμCĤPμC...C-Pr P· C, PμCĤP°PiC-C— C-PSC€PëPjPë P°PSC, PëPiCíPëC...PsC, PëC±PSPëPjPë P·P°CíPsP±P°PjPë

PiPeC%oPs C†Pμ PeP»C-PSC-C±PSPs PIPëPiCĤP°PIPrP°PSPs, PiC-Pr C±P°Cí C, PμCĤP°PiC-C— CĤPëCíPiPμCĤPëPrPsPSPsPj CĤPμPePsPjPμPSPPrCíC”C, CĤCíCĬ PiPsCíC, CíPiPsPIPs PiCĤPëPiPëPSPëC, Pë PiPsPiPμCĤPμPrPSCĤ C, PμCĤP°PiC-CĤ C-PSC€PëPjPë PiCĤPμPiP°CĤP°C, P°PjPë. PμCĤPë C†CĤPsPjCí, CĬPeC%oPs PiP°C†C-C”PSC, PiPμCĤPμPIPsPrPëC, CĤCíCĬ P· C, PμCĤP°PiC-C— P°PSC, PëPiCíPëC...PsC, PëC±PSPëPjPë PiCĤPμPiP°CĤP°C, P°PjPë Cí C,, PsCĤPjC- B«PrPμPiPsB», P»C-PeCíPIP°PSPSCĬ PiCĤPμPiP°CĤP°C, PsPj P·CĤC-PrPsPS^{B®} CĤPμPePsPjPμPSPPrCíC”C, CĤCíCĬ CĤPsP·PiPsC±P°C, Pë C-P· P·P°CíC, PsCíCíPIP°PSPSCĬ P·P°PjC-CíC, CĤ PSP°CíC, CíPiPSPsPiPs P·P°PiP»P°PSPsPIP°PSPsPiPs P·P°CíC, PsCíCíPIP°PSPSCĬ. PμPμCĤC-PsPrPëC±PSPs CíP»C-Pr PsC†C-PSCĤPIP°C, Pë PSPμPsP±C...C-PrPSC-CíC, CĤ PiCĤPsPrPsPIP¶PμPSPSCĬ PiPsC, PsC±PSPsC— C, PμCĤP°PiC-C— P°PSC, PëPiP°CĤPeC-PSCíPsPSC-C±PSPëPjPë PiCĤPμPiP°CĤP°C, P°PjPë.

P>C-PeP°CĤCíCĤPePëPNë P·P°CíC-P± P·CĤC-PrPsPS^{B®}, CĤPsP·C±PëPS PsCĤP°P»CĤPSPëPNë, PSPμCíCíPjC-CíPSPëPNë C-P· P±C-P»CĤC€C-CíC, CĤ PIPëPrC-PI C±P°CĤ, PIPeP»CĤC±PSPs P·C±PsCĤPSPëPj C±P°C”Pj.

P†PSCíC, CĤCáPeC†C-CĬ PrP»CĬ CíP°PjPsCíC, C-PNëPSPsPiPs PIC-PrPeCĤPëC, C, CĬ C,, P»P°PePsPSP° C, P° PIPëPePsCĤPëCíC, P°PSPSCĬ PiC-PiPμC, PePë-PrPsP·P°C, PsCĤP°

PαP»P°PePsPS 30 PjP»

P”P»CĬ PIC-PrPeCĤPëC, C, CĬ C,, P»P°PePsPSP° C, P° PIPëPePsCĤPëCíC, P°PSPSCĬ PiC-PiPμC, PePë PSPμPsP±C...C-PrPSPs PIPëPePsPSP°C, Pë C, P°PeC- PrC-C— (PrPëPI. CĤPëCí. 1BĤ”3):

*P PëCí. 1. PαP»P°PePsPS PjP°C” PeCĤPëC€PμC±PeCí C-P· P·P°C...PëCíC, PsPj PIC-Pr PrC-C, PμPNë C- PIC-PrPeCĤPëPIP°C”C, CĤCíCĬ Cí C, P°PePëPNë CíPiPsCíC-P±: PSP°C, PëCíPSC-C, CĤ PiP»P°CíC, PëPePsPICr PeCĤPëC€PeCí PIPSPëP· PrPs CíPiPsCĤCí C- PiPsPIPμCĤPSC-C, CĤ PiCĤPsC, Pë PiPsPrPëPSPSPëPePsPIPsC— CíC, CĤC-P»PePë. P—PSC-PjC-C, CĤ PeCĤPëC€PμC±PeCí.
P PëCí. 2. P’CíC, P°PIC, Pμ C—C— Cí C,, P»P°PePsPS. PμCĤPëC, CĤPëPjCíCĤC±Pë PSPëP¶PSC-PNë PsP±C-PrPsPe PiC-PiPμC, PePë-PrPsP·P°C, PsCĤP°, PIPëC, CĬPiPSC-C, CĤ PiPsCĤC€PμPSCĤ PiC-PiPμC, PePë-PrPsP·P°C, PsCĤP° PrPs PIC-PrPiPsPIC-PrPSPs PSPμPsP±C...C-PrPSPsC— PiPsP·PSP°C±PePë Cí PjC-P»C-P»C-C, CĤP°C... P°P±Ps PjC-P»C-PiCĤP°PjP°C....
P PëCí. 3. PμCĤPëC, CĤPëPjCíCĤC±Pë PSPëP¶PSC-PNë PsP±C-PrPsPe, PIPëPNëPjC-C, CĤ PiC-PiPμC, PeCí-PrPsP·P°C, PsCĤ C-P· C,, P»P°PePsPSP°. P’PëP»PëPNëC, Pμ PIPjC-CíC, PiC-PiPμC, PePë-PrPsP·P°C, PsCĤP° Cí P±CíPrCĤ-CĬPePëPNë P±PμP·P·P»PePsPiPsP»CĤPSPëPNë PSP°PiC-PNë, PsPeCĤC-Pj C±P°CĤ, C€P»CĬC...PsPj PSP°C, PëCíPeP°PSPSCĬ PiPsCĤC€PSCĬ PiC-PiPμC, PePë-PrPsP·P°C, PsCĤP°. P—P°PeCĤPëPNëC, Pμ C,, P»P°PePsPS C- PiCĤPsPjPëPNëC, Pμ PiC-PiPμC, PeCí-PrPsP·P°C, PsCĤ PIPsPrPsCĤ. PμPsPeP»P°PrC-C, CĤ PiC-PiPμC, PeCí-PrPsP·P°C, PsCĤ Cí P·CĤCíC±PSPμ PrP»CĬ P·P°Cí PjC-CíC†Pμ PrP»CĬ P·P±PμCĤC-PiP°PSPSCĬ.*

P''C-C,Pë.

P PëCÍPíPµCĤPëPrPsPS P·P°CÍC,PScÍPsPICrCĤC,CH PrP»CÍ P»C-PeCÍPIP°PSPSCÍ
PIPëCĤP°P¶PµPSPsC— P°PiCĤPµCÍC-C— PíCĤPë CĤPsP·P»P°PrP°C... PíPsPIPµPrC-PSPePë CÍ
PrC-C,PµPNë PIC-PePsPj PIC-Pr 5 CĤPsPeC-PI.

PµPµCĤPµPrPsP·C¿PIP°PSPSCÍ.

PŸPëPjPiC,PsPjPë. PhP·PSP°PePë C,P° CÍPëPjPiC,PsPjPë PíPµCĤPµPrPsP·CÍPIP°PSPSCÍ, C%Ps
CÍPíPsCÍC,PµCĤC-PiP°P»PëCÍCH, bĤ" C†Pµ PIC-PrPsPjC- PíPsP±C-C†PSC- CĤPµP°PeC†C-C—
PíCĤPµPiP°CĤP°C,CÍ, C%Ps PíCĤPsCÍPIP»CÍCĤC,CHCÍCÍ CÍ PíPsCÍPëP»PµPSC-PNë
C,,PsCĤPjC-: CÍPsPSP»PëPIC-CÍC,CH C- CÍPµPrP°C†C-CÍ, C,P°C...C-PeP°CĤPrC-CÍ C,P°
P°CĤC,PµCĤC-P°P»CHPSP° PiC-PíPsC,PµPSP·C-CÍ, P° C,P°PePsP¶
PµPeCÍC,CĤP°PiC-CĤP°PjC-PrPSC- CÍPëPjPiC,PsPjPë. PµCĤPë PíPµCĤPµPrPsP·CÍPIP°PSPSC-
PíPsPIC-PrPsPjP»CÍP»PScÍCÍ PíCĤPs PíPsPrPsPIP¶PµPSPSCÍ C-PSC,PµCĤPIP°P»CÍ QT C,P°
CÍCÍPrPsPjPë. PµPsPIC-PrPsPjP»CÍP»PScÍCÍ PíCĤPs C,CĤC-PíPsC,C-PSPSCÍ-
PjPµCĤPµC...C,C-PSPSCÍ, P°CÍPsC†C-PNëPsPIP°PSPµ P· PíPµCĤPµPrPsP·CÍPIP°PSPSCÍPj
CĤPëCÍPíPµCĤPëPrPsPSCÍ CÍ PePsPjP±C-PSP°C†C-C— P· PíP°CĤPsPeCÍPµC,PëPSPsPj. Pj
CĤP°P·C- PíPsCÍC,CĤPsPiPs PíPµCĤPµPrPsP·CÍPIP°PSPSCÍ PSPµPsP±C...C-PrPSPs
PíPµCĤPµPIC-CĤPëC,Pë PjPsP¶P»PëPIC-CÍC,CH PíCĤPëPNëPsPjCÍ PeC-P»CHPePsC...
PíCĤPµPiP°CĤP°C,C-PI.

P>C-PeC¿PIP°PSPSCÍ. PkPµPsP±C...C-PrPSPs P·P°P±PµP·PíPµC†PëC,Pë C,P°
PiC-PrC,CĤPëPjCÍPIP°C,Pë PíCĤPsC...C-PrPSC-CÍC,CH PrPëC...P°P»CHPSPëC...
C€P»CÍC...C-PI PrP»CÍ P·P°P±PµP·PíPµC†PµPSPSCÍ P°PrPµPePIP°C,PSPsC—
PIPµPSC,PëP»CÍC†C-C— C,P° PsPeCÍPëPiPµPSP°C†C-C—. PŸP»C-Pr
CĤPsP·PiP»CÍPSCÍC,Pë PíCĤPëP·PSP°C†PµPSPSCÍ P°PeC,PëPIPpsPIP°PSPsPiPs
PICrPiC-P»P»CÍ CĤP°P·PsPj C-P· PíCĤPsPSPsCÍPSPëPj P·P°CÍPsP±PsPj, CÍPeC%Ps
PíCĤPsPNëC€P»Ps PjPµPSC€Pµ PíPsPrPëPSPë PiC-CÍP»CÍ PíCĤPëPNëPsPjCÍ
PíCĤPµPiP°CĤP°C,CÍ. PµPsPeP°P·P°PSPëPNë PjPsPSC-C,PsCĤPëPSPi CÍPµCĤC†PµPIPs-
CÍCÍPrPëPSPSPsC— PrC-CÍP»CHPSPsCÍC,C-, C%Ps PIPeP»CĤC†P°C"
P±PµP·PíPµCĤPµCĤPIPSCÍ CĤPµC"CÍC,CĤP°C†C-CĤ P·PµP" PrP»CÍ
PIPëCÍPIP»PµPSPSCÍ PjPsP¶P»PëPIPëC... P°CĤPëC,PjC-PNë.

P PëCÍPíPµCĤPëPrPsPS PSPµ PjP°C" CÍPíPµC†PëC,,C-C†PSPsPiPs P°PSC,PëPrPsC,CÍ. PŸP°PePëPj
C†PëPSPsPj, CÍP»C-Pr PIP¶PëPIP°C,Pë PIC-PrPíPsPIC-PrPSC- PiC-PrC,CĤPëPjCÍCĤC†C-
P·P°C...PsPrPë. Pj CĤP°P·C- PíPsCÍC,CĤPsPiPs PíPµCĤPµPrPsP·CÍPIP°PSPSCÍ
PíPsC,CĤC-P±PSPs PíCĤPsP°PSP°P»C-P·CÍPIP°C,Pë PjPsP¶P»PëPIC-CÍC,CH
P»C-PeP°CĤCÍCHPePsC— PIP·P°C"PjPsPrC-C— PeC-P»CHPePsC... PíCĤPµPiP°CĤP°C,C-PI.
PhCĤC,PµCĤC-P°P»CHPSCÍ PiC-PíPsC,PµPSP·C-CĤ C,P° CÍCÍPrPëPSPSPëPNë PePsP»P°PiCÍ
CÍP»C-Pr P»C-PeCÍPIP°C,Pë C,P°PePëPjPë P·P°C...PsPrP°PjPë, CÍPe
PIPSCÍC,CĤC-C€PSCĤPsPIPµPSPSC- PIP»PëPIP°PSPSCÍ C,P°/P°P±Ps
CÍPëPjPiP°C,PsPjC-PjPµC,PëC†PSC- PíCĤPµPiP°CĤP°C,Pë. Pj CĤP°P·C- CĤPsP·PIPëC,PeCÍ
PíPsCÍC,CĤPëC... PµPeCÍC,CĤP°PiC-CĤP°PjC-PrPSPëC... CÍPëPjPiC,PsPjC-PI C,CĤPµP±P°
PíCĤPëP·PSP°C†P°C,Pë P°PSC,PëC...PsP»C-PSPµCĤPiC-C†PSC- PíCĤPµPiP°CĤP°C,Pë. PŸP»C-Pr
PíCĤPsPrPsPIP¶CÍPIP°C,Pë PíPsCÍC,C-PNëPSPµ PjPµPrPëC†PSPµ
CÍPíPsCÍC,PµCĤPµP¶PµPSPSCÍ PrPs PíPsPIPSPsPiPs PsPrCÍP¶P°PSPSCÍ PíP°C†C-C"PSC,P°.

$P \rightarrow P \pm PsPeCz \ PjP\mu C, P^{\circ}P \pm PsP \gg C - P \cdot PjCz \ C, P^{\circ} \ C, C\bar{H}P^{\circ}PIP \gg P\mu PSPSC\bar{H}$: $C \pm P^{\circ}C\bar{I}C, Ps \ \bar{b}\bar{H}''$
 $P \cdot P \pm C - P \gg CHC\bar{C}P\mu PSPSC\bar{H} \ PjP^{\circ}C\bar{I}P\bar{e} \ C, C - P \gg P^{\circ}, \bar{P}iC - PrPIP\bar{e}C\%P\mu PSPSC\bar{H} \ P^{\circ}P\bar{i}P\mu C, P\bar{e}C, C\bar{r},$
 $P \cdot PSP\bar{e}P\bar{H}P\mu PSPSC\bar{H} \ P^{\circ}P\bar{i}P\mu C, P\bar{e}C, C\bar{r}; \ PSP\mu C \pm P^{\circ}C\bar{I}C, Ps \ \bar{b}\bar{H}'' \ C \pm C\bar{r}PeC\bar{H}PsPIP\bar{e}PN_{\bar{e}} \ PrC - P^{\circ}P \pm P\mu C,^b,$
 $\bar{P}iC - P\bar{i}P\mu C\bar{H}P\bar{i}P \gg C - PeP\mu PjC - C\bar{H}, \bar{P}\bar{i}PsP \gg C - PrP\bar{e}\bar{P}\bar{i}C\bar{I}C - C\bar{H}, P \cdot PjP\mu PSC\bar{e}P\mu PSPSC\bar{H} \ PjP^{\circ}C\bar{I}P\bar{e}$
 $C, C - P \gg P^{\circ}, P^{\circ}PSPsC\bar{H}P\mu PeC\bar{I}C - C\bar{H}, \bar{P}iC - PrPIP\bar{e}C\%P\mu PSPSC\bar{H} \ C\bar{H}C - PIPSC\bar{H}$

C...PsP»PμCfC, PμCfPëPSCf; CfC-PrPePs бґ” PIPsPrPSP° C-PSC, PsPeCfPëPeP°C†C-Cf^{cf},
PiC-PiPsPiP»C-PePμPjC-Cf, PiC-PiPμCfC-PSCfCfP»C-PSPμPjC-Cf^{cf}, PiC-PrPIPëC%PμPSPSCf
CfC-PIPSCf C, CfPëPiP»C-C†PμCfPëPrC-PI Cf PeCfPsPIC-; PrCfP¶Pμ CfC-PrPePs бґ”
PrC-P°P±PμC, PëC†PSPëPNë PePμC, PsP°C†PëPrPsP°.

P— P±PsPeCž PiCfPëC...C-PePë: PrCfP¶Pμ C†P°CfC, Ps бґ” P±PμP·CfPsPSPSCf^d; C†P°CfC, Ps
бґ” CfPsP·P»P°PrPë CfPSCf, P°P¶PëC, P°C†C-Cf, PrPμPiCfPμCfC-Cf, C, CfPëPIPsPiP°;
PSPμC†P°CfC, Ps бґ” PjP°PSC-Cf, CfPiP»CfC, P°PSC-CfC, Чґ CfPIC-PrPsPjPsCfC, C-,
P·PSPëP¶PμPSPSCf P»C-P±C-PrPs, P·PSPμCfPIPsPiP°PSC-CfC, Чґ, PSC-C†PSC- P¶P°C...Pë;
CfC-PrPePs бґ” PeP°C, P°C, PsPSC-Cf, CfPsPjPSP°PjP±CfP»C-P·Pj, CfPsP·P»P°PrPë
C...P°CfC†CfPiP°PSPSCf, PiPsPiбґ”tm CfP·P°PSC- P·C- CfPSPsPj, PiCfPëC, CfPiP»PμPSPëPNë
P°C,, PμPeC,, P°PSPsCfPiP°P·PjC-Cf.

P— P±PsPeCž PSPμCfPIPsPiPsC— CfPëCfC, PμPjPë: PrCfP¶Pμ C†P°CfC, Ps бґ”
CfPμPrP°C†C-Cf/CfPsPSP»PëPIC-CfC, Чґ, PiP°CfPeC-PSCfPsPSC-P·Pj^d, PiPsP»PsPIPsPëPNë
P±C-P»Чґ; C†P°CfC, Ps бґ” P°PeP°C, PëP·C-Cf^d, PrPëCfC, PsPSC-Cf^d,
P·P°PiP°PjPsCfPsC†PμPSPSCf, PrPëCfPeC-PSPμP·C-Cf^d, C, CfPμPjPsCf; PSPμC†P°CfC, Ps бґ”
PiC-P·PSCf PrPëCfPeC-PSPμP·C-Cf, C†PμCfPμP±CfP°P»ЧґPSP° C-C¶PμPjC-Cf,
PIC-PrCfCfC, PSC-CfC, Чґ CfPμP°PeC†C-C— PSP° PiPsPrCfP°P·PSPëPePë, PIC, CfP°C, P°
CfPIC-PrPsPjPsCfC, C-, PiCfPëPiPSC-C†PμPSPëPNë CfC-PIPsPSC ЧґPIC-PrPsPjPsCfC, C-,
CfCfPrPsPjPë^d, CfPëPSPePsPiPμ, PiCfPëC...PsPjPsC, PsCfPSP°
PiC-PiPμCfP°PeC, PëPIPsC-CfC, Чґ, CfPsP·P»P°PrPë CfC-PIPsPiP°PiPë,
PiPsCfCfC¶PμPSPSCf PePsPsCfPrPëPSP°C†C-C—, PiPsCfC, CfCfP°P»ЧґPSPμ
P·P°PiP°PjPsCfPsC†PμPSPSCf, PiPsCfCfC¶PμPSPSCf CfPiP°PiPë, PrPëP·P°CfC, CfC-Cf,
CfPsP·P»P°PrPë CfPjP°PePsPiPëC... PIC-PrC†CfC, C, C-PI, PiC-PiPμCfC, PμP·C-Cf,
PiP°CfPμCfC, PμP·C-Cf; CfC-PrPePs бґ” P—PкPґ, C†PμCfPμP±CfPsPiP°CfPeCfP»CfCfPSC-
CfPsP·P»P°PrPë, PrC-P°P±PμC, PëC†PSP° PePsPjP°, CfPëC, PjC-C†PSPμ
PiPsC...PëC, CfPiP°PSPSCf PiPsP»PsPiPë.

P— P±PsPeCž PsCfPiP°PSC-PI P·PsCfCž: C†P°CfC, Ps бґ” CfPsP·PjPëC, C-CfC, Чґ P·PsCfCf,
PePsPсбґ”tm ЧґPSPeC, PëPIC-C,; PSPμC†P°CfC, Ps бґ” CfPIC-C, P»PsP±PsCfP·PSCЧґ,
CfCfC...C-CfC, Чґ PsC†PμPNë, P·P±C-P»ЧґC¶PμPSPSCf CfP»ЧґPsP·PsPiPëPrC-P»PμPSPSCf,
PiPsC†PμCfPIPsPSC-PSPSCf PsC†PμPNë; CfC-PrPePs бґ” PiP»P°CfPePsPjP°,
PiPsCfCfC¶PμPSPSCf CfCfC...Cf PsC†PSPëC... CfP±P»CfPe, CfPsC, P°C, PsCfPSPëPNë
PSC-CfC, P°PiPj, CfC, PIPsCfPμPSPSCf PeC-CfPePë PSP° PeCfP°Cf PiPsPIC-PePë,
C-PSC, CfP°PsPiPμCfP°C†C-PNëPSPëPNë CfPëPSPrCfPsPj P°C, PsPSC-C†PSPsC—
CfP°PNëPrCfP¶PePë^{cf}.

P— P±PsPeCž PsCfPiP°PSC-PI CfP»CžC...Cž: PSPμC†P°CfC, Ps бґ” PIPμCfC, PëPiPs, C, PëPSC-C,,
P±C-P»Чґ Cf PICfC...P°C....

P— P±PsPeCž CfPμCfC†PμPIPsC— PrC-CfP»ЧґPSPsCfC, C-: C†P°CfC, Ps бґ”
C, P°C...C-PeP°CfPrC-Cf; PSPμC†P°CfC, Ps бґ” C,, C-P±CfPëP»CfC†C-Cf
PiPμCfPμPrCfPμCfPrCЧґ, P°C, CfC-PsPiPμPSC, CfPëPeCfP»CfCfPSP° P±P»PsPeP°PrP°,
PiPsCfCfC¶PμPSPSCf PiCfPsPIC-PrPSPsCfC, C- CfPμCfC†Cf, PiPsPrPsPiP¶PμPSPSCf
C-PSC, PμCfPiP°P»Cf QT PSP° P·PлP“, P±CfP°PrPëPeP°CfPrC-Cf, PIC-PrC...PëP»PμPSPSCf
PSP° P·PлP“, PIC-PrC†CfC, C, Cf CfPμCfC†PμP±PëC, C, Cf; CfC-PrPePs бґ” CfPëPSCfCfPsPiP°
P°CfPëC, PjC-Cf; PSPμPIC-PrPsPjPs бґ” CfPëPSPrCfPsPj PiPsCfC, CfCfP°P»ЧґPSPsC—
PsCfC, PsCfC, P°C, PëC†PSPsC— C, P°C...C-PeP°CfPrC-C—.

P— P±PsPeCž CfCžPrPëPSPSPsC— CfPëCfC, PμPjPë: C†P°CfC, Ps бґ” P°CfC, PμCfC-P°P»ЧґPSP°
PiC-PiPμCfC, PμPSP·C-Cf; PSPμC†P°CfC, Ps бґ” P°CfC, PμCfC-P°P»ЧґPSP°

PiC-PiPsC,PμPSP·C-CΠ, PsCḡC,PsCḡC,P°C,PëC±PSP° PiC-PiPsC,PμPSP·C-CΠ, PiCḡPëPiP»PëPIPë;
CḡC-PrPePs бґ” P»PμPiPμPSPμPIP° PμPjP±PsP»C-CΠ, C,CḡPsPjP±PsP· PIPμPS.

P— P±PsPeCż PrPëC...P°P»CHbPSPsC— CḡPëCḡC,PμPjPë: C±P°CḡC,Ps бґ” PrPëCḡPiPSPsPμ,
C,,P°CḡPëPSPiPsP»P°CḡPëPSPiPμP°P»CHbPSPëPNë P±C-P»CHb, PeP°CëPμP»CHb,
PμPiC-C,P°PeCḡPëCḡ, P·P°PeP»P°PrPμPSC-CḡC,CHb PSPsCḡP°; PSPμC±P°CḡC,Ps бґ”
P°CḡPiC-CḡP°C†C-PNëPSP° PiPSPμPIPjPsPSC-CΠ, P»PμPiPμPSPμPIPëPNë P·P°CḡC,C-PNë,
PiPsPiC-CḡCëPμPSPSCΠ PiCḡPsPIC-PrPSPsCḡC,C- PrPëC...P°P»CHbPSPëC... CëP»CΠC...C-PI,
C...CḡPëPiPë, CḡPIPëCḡC,CΠC±Pμ PrPëC...P°PSPSCΠ, PrPëCḡC,,PsPSC-CΠ, CḡPsP·P»P°PrPë
PrPëC...P°PSPSCΠ; CḡC-PrPePs бґ” CḡPëPSPrCḡPsPj PSC-C±PSPsPiPs P°PiPSPsPμ,
PiC-PiPμCḡPIPμPSC,PëP»CΠC†C-CΠ.

P— P±PsPeCż C,CḡP°PIPSPsC— CḡPëCḡC,PμPjPë: C±P°CḡC,Ps бґ” P±C-P»CHb Cr PḡPëPIPsC,C-,
PrPëCḡPePsPjC,,PsCḡC, Cr PḡPëPIPsC,C-, P±P»CHbIP°PSPSCΠ, PSCrPrPsC,P°, P·P°PiPsCḡ,
PrC-P°CḡPμCΠ, PrPëCḡPiPμPiCḡC-CΠ, CḡCḡC...C-CḡC,CHb Cr CḡPsC,C-, P·CrP±PSPëPNë
P±C-P»CHb; PSPμC±P°CḡC,Ps бґ” PSPμC,CḡPëPjP°PSPSCΠ PeP°P»Cr, C,,PμPeP°P»PsPjP°,
PiP°CḡC,CḡPsPμPSC,PμCḡPëC,, PrPëCḡC,,P°PiC-CΠ, P·PrCḡC,C,CΠ PḡPëPIPsC,P°; CḡC-PrPePs
бґ” PiP°PSPeCḡPμP°C,PëC,, PsP±CḡC,CḡCḡPeC†C-CΠ CëP»CrPSPePsPIPs-PePëCëPePsPIPsPiPs
C,CḡP°PeC,Cḡ, PSP°P±CḡCΠPeP°PSPSCΠ CΠP·PëPeP°, C...PμPNëP»C-C,, PrCḡPḡPμ CḡC-PrPePs
бґ” PSPμPiCḡPsC...C-PrPSC-CḡC,CHb PePëCëPμC±PSPëPeCḡ.

P— P±PsPeCż PiPμPiP°C,PsP±C-P»C-P°CḡPSPsC— CḡPëCḡC,PμPjPë: PSPμC±P°CḡC,Ps бґ”
PiC-PrPIPëC%PμPSPSCΠ CḡC-PIPsCΠ C,CḡP°PSCḡP°PjC-PSP°P·, PiC-PrPIPëC%PμPSPSCΠ
CḡC-PIPsCΠ PiP°PjPjP°-PiP»CḡC,P°PjC-P»C,CḡP°PSCḡC,,PμCḡP°P·Pë, PiC-PrPIPëC%PμPSPSCΠ
CḡC-PIPsCΠ PiPμC±C-PSPePsPIPëC... C,,PμCḡPjPμPSC,C-PI; CḡC-PrPePs бґ”
PḡPsPIC,CΠPSPëC†CΠ.

P— P±PsPeCż CëPeC-CḡPë C,P° PiC-PrCëPeC-CḡPSPsC— PeP»C-C,PePsPIPëPSPë: C±P°CḡC,Ps
бґ” PIPëCḡPëPiP°PSPSCΠ, PμCḡPëC,PμPjP°; PSPμC±P°CḡC,Ps бґ” PeCḡPsPiPëPiбґ™ CΠPSPeP°,
CḡPIPμCḡP±C-Pḡ, P°P»PsPiPμC†C-CΠ, PiC-PiPμCḡPePμCḡP°C,PsP°, PμPeP·PμPjP°,
CḡCḡC...C-CḡC,CHb CëPeC-CḡPë, P·PjC-PSP° PePsP»CHbPsCḡCḡ CëPeC-CḡPë, P°PePSPμ,
CḡPμP±PsCḡPμPNëPSPëPNë PrPμCḡPjP°C,PëC,, P·P°C...PIPsCḡCḡPIP°PSPSCΠ CëPeC-CḡPë,
PiPsCëPePsPrPḡPμPSPSCΠ CëPeC-CḡPë; CḡC-PrPePs бґ” PjPμPrPëPeP°PjPμPSC,PsP·PSC-
PIPëCḡPëPiPë, P»CḡPiP°; PrCḡPḡPμ CḡC-PrPePs бґ” P°PSPiC-PsPSPμPICḡPsC,PëC±PSPëPNë
PSP°P±CḡCΠPe; PSPμPIC-PrPsPjPs бґ” CḡPëPSPrCḡPsPj PḡC,C-PIPμPSCḡP° бґ”
P”PḡPsPSCḡPsPSP° / C,PsPeCḡPëC±PSPëPNë PμPiC-PrPμCḡPjP°P»CHbPSPëPNë PSPμPeCḡPsP»C-P·.

P— P±PsPeCż PeC-CḡC,PePsPIPs-Pjбґ™ CΠP·PsPIPsC— CḡPëCḡC,PμPjPë: C±P°CḡC,Ps бґ”
Pjбґ™ CΠP·PsPIC- CḡPiP°P·PjPë, Pjбґ™ CΠP·PsPIPs-CḡPePμP»PμC,PSPëPNë P±C-P»CHb,
P±C-P»CHb Cr CḡPiPëPSC-, P°CḡC,CḡP°P»PiC-CΠ; PSPμC±P°CḡC,Ps бґ”
PiC-PrPIPëC%PμPSPSCΠ CḡC-PIPsCΠ PeCḡPμP°C,PëPSC,,PsCḡC,,PsPeC-PSP°P·Pë,
PiPsCḡCḡCëPμPSPSCΠ PiPsCḡC,P°PIPë, CḡPeCḡC,C-CḡC,CHb CḡCḡPiP»PsP±C-PI,
PSP°P±CḡCΠPeP°PSPSCΠ CḡCḡPiP»PsP±C-PI, Pjбґ™ CΠP·PsPIP° CḡP»P°P±PeC-CḡC,CHb,
P±C-P»CHb Cr CëPëC—; CḡC-PrPePs бґ” CḡP°P±PrPsPjC-PsP»C-P·.

P— P±PsPeCż CḡPμC±PsPIPëPrC-P»CHbPSPsC— CḡPëCḡC,PμPjPë: C±P°CḡC,Ps бґ”
PSPμC,CḡPëPjP°PSPSCΠ CḡPμC±C-; PSPμC±P°CḡC,Ps бґ” PiPsP»P°PeC-CḡCḡC-CΠ,
P·P°C,CḡPëPjPeP° CḡPμC±C-, PrPëP·CḡCḡC-CΠ.

P’P°PiC-C,PSC-CḡC,CHb, PiC-CḡP»CΠPiPsP»PsPiPsPIPëPNë PiPμCḡC-PsPr C,P°
PSPμPsPSP°C,P°P»CHbPSC- CḡC,P°PSPë: PrCḡPḡPμ CḡC-PrPePs бґ” CḡPëPSPrCḡPsPj
PIC-PrPjC-PSPë PiCḡPμPiP°CḡP°C,Cḡ Cr PSPsPIPsPSP°CḡPsPrPḡPμPSPëC...^{cf}.

$P - P \pm PsPeC \acute{e} C \bar{H} P_{\mu} P i C \bar{H} P s P r C \acute{e} P e C, P \ddot{e} P I P S P s C - C \acute{I} P \ddot{e} C \acute{I} C, P_{\mu} P j P \ddot{e} C, P^{\circ} P j P s P \gg P s C \ddagger P S P \ddot{e} C \dots$
 $P \cdot P^{\circ} P \gg P s P \cdot: P S P_{\mu} C \ddagger P^{\circ} C \acute{I} C, P s \text{ в } \bar{H}^{\text{TM}} P_{\mu} C \bar{H} P_{\mu} P e C, P \ddot{e} P \gg C \bar{H} P S P^{\circ} P r P \ddot{e} C \acute{I} C, C r P S P e C \dagger C - C \bar{I},$
 $P \ddot{I} P s C \bar{H} C r C \bar{e} P_{\mu} P S P S C \bar{I} P_{\mu} C \bar{I} P e C \acute{I} P \gg C \bar{I} C \dagger C - C \bar{I}, P^{\circ} P j P_{\mu} P S P s C \bar{H} P_{\mu} C \bar{I},$
 $P \ddot{I} P s C \bar{H} C r C \bar{e} P_{\mu} P S P S C \bar{I} P j P_{\mu} P S C \acute{I} C, C \bar{H} C r P^{\circ} P \gg C \bar{H} P S P s P i P s C \dagger P \ddot{e} P e P \gg C r^d,$
 $P i C - P S P_{\mu} P e P s P j P^{\circ} C \acute{I} C, C - C \bar{I}, P i P^{\circ} P \gg P^{\circ} P e C, P s C \bar{H} P_{\mu} C \bar{I}, C \acute{I} C, P^{\circ} C, P_{\mu} P I P^{\circ}$
 $P r P \ddot{e} C \acute{I} C, C r P S P e C \dagger C - C \bar{I}, P \pm C - P \gg C \bar{H} C r P j P s P \gg P s C \ddagger P S P \ddot{e} C \dots P \cdot P^{\circ} P \gg P s P \cdot P^{\circ} C \dots,$
 $P I P^{\circ} P i C - P S P^{\circ} P \gg C \bar{H} P S C - P I P \ddot{e} P r C - P \gg P_{\mu} P S P S C \bar{I}; C \bar{H} C - P r P e P s \text{ в } \bar{H}^{\text{TM}} P \ddot{I} C \bar{H} C - P^{\circ} P i C - P \cdot P j^{C r},$
 $P \cdot P^{\circ} C, C \bar{H} P \ddot{e} P j P e P^{\circ} P j P_{\mu} P S C \acute{I} C, C \bar{H} C r P^{\circ} C \dagger C - C \bar{I}, P S P^{\circ} P i C \bar{H} C r P \pm P^{\circ} P S P S C \bar{I}$
 $P j P s P \gg P s C \ddagger P S P \ddot{e} C \dots P \cdot P^{\circ} P \gg P s P \cdot, P \cdot P \pm C - P \gg C \bar{H} C \bar{e} P_{\mu} P S P S C \bar{I} P j P s P \gg P s C \ddagger P S P \ddot{e} C \dots$
 $P \cdot P^{\circ} P \gg P s P \cdot, P I P \ddot{e} P r C - P \gg P_{\mu} P S P S C \bar{I} P \cdot P j P s P \gg P s C \ddagger P S P \ddot{e} C \dots P \cdot P^{\circ} P \gg P s P \cdot.$

$P - P^{\circ} P i P^{\circ} P \gg C \bar{H} P S C - C \bar{H} P s P \cdot P \gg P^{\circ} P r P \ddot{e}: C \ddagger P^{\circ} C \acute{I} C, P s \text{ в } \bar{H}^{\text{TM}} P S P^{\circ} P \pm C \bar{H} C \bar{I} P e^d, P \gg P \ddot{e} C \dots P s P j P^{\circ} P S P e P^{\circ},$
 $P \pm C - P \gg C \bar{H} C r P i C \bar{H} C r P r P S C - P N_{\bar{e}} P e P \gg C - C, C \dagger C -, P^{\circ} C \acute{I} C, P_{\mu} P S C - C \bar{I}, P i C, P s P j P^{\circ}, P \pm C - P \gg C \bar{H};$
 $P S P_{\mu} C \ddagger P^{\circ} C \acute{I} C, P s \text{ в } \bar{H}^{\text{TM}} P S P^{\circ} P \pm C \bar{H} C \bar{I} P e P s P \pm P \gg P \ddot{e} C \ddagger C \bar{I} C, P s P \cdot P S P s P \pm, P i C - P r P I P \ddot{e} C \% P_{\mu} P S P S C \bar{I}$
 $C, P_{\mu} P j P i P_{\mu} C \bar{H} P^{\circ} C, C r C \bar{H} P \ddot{e} C, C - P \gg P^{\circ}, P \ddot{I} P s C \bar{H} C r C \bar{e} P_{\mu} P S P S C \bar{I} C \dots P s P r P \ddot{e}, C \acute{I} P i C \bar{H} P^{\circ} P i P^{\circ},$
 $P r P \ddot{e} C \acute{I} P e P s P j C, P s C \bar{H} C, C r P i C \bar{H} C r P r C \bar{I} C \dots, P i P^{\circ} C \bar{H} C \bar{I} C \ddagger P e P^{\circ}, P S P_{\mu} P \cdot P I P \ddot{e} C \ddagger P S C -$
 $P i C - P r C \ddagger C r C, C, C \bar{I}, P r P \ddot{e} C \acute{I} P e P s P j C, P s C \bar{H} C,; C \bar{H} C - P r P e P s \text{ в } \bar{H}^{\text{TM}} P i C - P \ddot{I} P s C, P_{\mu} C \bar{H} P j C - C \bar{I},$
 $P \cdot P S P \ddot{e} P \bar{I} P_{\mu} P S P S C \bar{I} C, P_{\mu} P j P i P_{\mu} C \bar{H} P^{\circ} C, C r C \bar{H} P \ddot{e} C, C - P \gg P^{\circ}, P i C - P r C \ddagger C r C, C, C \bar{I} C \dots P s P \gg P s P r C r C r$
 $P e C - P S C \dagger C - P I P e P^{\circ} C \dots, C \acute{I} P \ddot{e} P S P r C \bar{H} P s P j P i C - P r P j C - P S P \ddot{e} P i C \bar{H} P_{\mu} P i P^{\circ} C \bar{H} P^{\circ} C, C r,$
 $C r C \% C - P \gg C \bar{H} P S P_{\mu} P S P S C \bar{I}^{C r}.$

$P j C \bar{e} P e P s P r P \bar{I} P_{\mu} P S P S C \bar{I} C, P^{\circ} P s C, C \bar{H} C \acute{e} C^{\text{TM}} P S P S C \bar{I}: C \ddagger P^{\circ} C \acute{I} C, P s \text{ в } \bar{H}^{\text{TM}} P \ddot{I} P^{\circ} P r C - P S P S C \bar{I};$
 $P S P_{\mu} C \ddagger P^{\circ} C \acute{I} C, P s \text{ в } \bar{H}^{\text{TM}} P \pm C - P \gg C \bar{H} P i C - C \acute{I} P \gg C \bar{I} C \dots C - C \bar{H} C r C \bar{H} P i C - C \ddagger P S P \ddot{e} C \dots P i C, C \bar{H} C r C \ddagger P^{\circ} P S C \bar{H}.$

^a $P^{\circ} C - P i P_{\mu} C \bar{H} P i C \bar{H} P s P \gg P^{\circ} P e C, P \ddot{e} P S P_{\mu} P j C - C \bar{I} C r P r P_{\mu} C \bar{I} P e P \ddot{e} C \dots P I P \ddot{e} P i P^{\circ} P r P e P^{\circ} C \dots P j P s P \bar{I} P_{\mu}$
 $P i C \bar{H} P \ddot{e} P \cdot P i P s P r P \ddot{e} C, P \ddot{e} P r P s P i C - P S P_{\mu} P e P s P j P^{\circ} C \acute{I} C, C - C \bar{I}, C \bar{H} P s P \cdot P \gg P^{\circ} P r C - P i$
 $P j P_{\mu} P S C \acute{I} C, C \bar{H} C r P^{\circ} P \gg C \bar{H} P S P s P i P s C \dagger P \ddot{e} P e P \gg C r, P^{\circ} P j P_{\mu} P S P s C \bar{H} P_{\mu} C \bar{I}, P i P^{\circ} P \gg P^{\circ} P e C, P s C \bar{H} P_{\mu} C \bar{I},$
 $P^{\circ} P S P s P i C r P \gg C \bar{I} C \dagger C - C \bar{I}, C \bar{H} P s P \cdot P \gg P^{\circ} P r C r C, P_{\mu} C \bar{H} C, P \ddot{e} P \gg C \bar{H} P S P s C \acute{I} C, C -,$
 $P_{\mu} C \bar{H} P_{\mu} P e C, P \ddot{e} P \gg C \bar{H} P S P s C - P r P \ddot{e} C \acute{I} C, C r P S P e C \dagger C - C \bar{I}, P \cdot P S P \ddot{e} P \bar{I} P_{\mu} P S P S C \bar{I} P \gg C - P \pm C - P r P s.$

^b $P_{\mu} C - P r C \ddagger P^{\circ} C \acute{I} P i P \gg P^{\circ} C \dagger P_{\mu} P \pm P s P e P s P S C, C \bar{H} P s P \gg C \bar{H} P s P i P^{\circ} P S P \ddot{e} C \dots P r P s C \acute{I} P \gg C - P r P \bar{I} P_{\mu} P S C \bar{H}$
 $C \acute{I} P i P s C \acute{I} C, P_{\mu} C \bar{H} C - P i P^{\circ} P i C \acute{I} C \bar{I} C \dagger C r P e C \bar{H} P s P i P \ddot{e} P N_{\bar{e}} P r C - P^{\circ} P \pm P_{\mu} C, C r 0,18 \%$
 $P i P^{\circ} C \dagger C - C^{\text{TM}} P S C, C - P i, C \bar{I} P e C - P s C, C \bar{H} P \ddot{e} P j C r P i P^{\circ} P \gg P \ddot{e} C \bar{H} P \ddot{e} C \acute{I} P i P_{\mu} C \bar{H} P \ddot{e} P r P s P s,$
 $P \ddot{I} P s C \bar{H} C - P i P S C \bar{I} P S P s P \cdot 0,11 \% C r P i C \bar{H} C r P i C -, P r P_{\mu} P \cdot P^{\circ} C \acute{I} C, P s C \acute{I} P s P i C r P i P^{\circ} P \gg P \ddot{e}$
 $P i P \gg P^{\circ} C \dagger P_{\mu} P \pm P s. P - P^{\circ} P i P^{\circ} P \gg C \bar{H} P S P^{\circ} C \ddagger P^{\circ} C \acute{I} C, P s C, P^{\circ} C r P i C \acute{I} C - C \dots P e P \gg C - P S C - C \ddagger P S P \ddot{e} C \dots$
 $P I P \ddot{e} P i C \bar{H} P s P \pm C r P i P^{\circ} P S P S C \bar{I} C \dots C \acute{I} C, P^{\circ} P S P s P i P \ddot{e} P \gg P^{\circ} 0,43 \% C r P i P^{\circ} C \dagger C - C^{\text{TM}} P S C, C - P i, C \bar{I} P e C -$
 $P i C \bar{H} P \ddot{e} P N_{\bar{e}} P j P^{\circ} P \gg P \ddot{e} C \bar{H} P \ddot{e} C \acute{I} P i P_{\mu} C \bar{H} P \ddot{e} P r P s P s.$

^c $P^{\circ} C r P \gg P s P i P \ddot{e} C \bar{I} P i P \gg P_{\mu} P S P s P i C \bar{H} P s C, C \bar{I} P i P s P j P i P s C \acute{I} C, P j P^{\circ} C \bar{H} P e P_{\mu} C, P \ddot{e} P S P i P s P i P s P i P s$
 $C \acute{I} P i P s C \acute{I} C, P_{\mu} C \bar{H} P_{\mu} P \bar{I} P_{\mu} P S P S C \bar{I}.$

^d $P \cdot P e C \acute{I} C, C \bar{H} P^{\circ} P i C - C \bar{H} P^{\circ} P j C - P r P S C - C \bar{H} P s P \cdot P \gg P^{\circ} P r P \ddot{e} P i P e P \gg C \bar{H} C \ddagger P^{\circ} C \bar{H} C, C \bar{H}: P i P^{\circ} C \bar{H} P e C - P S C \acute{I} P s P S C - P \cdot P j (P i C - P i P_{\mu} C \bar{H} C \acute{I} P_{\mu} P e C \bar{H} P_{\mu} C \dagger C - C \bar{I} C \acute{I} P \gg P \ddot{e} P S P \ddot{e},$
 $C \bar{H} P \ddot{e} P i C - P r P S C - C \acute{I} C, C \bar{H} P j \text{ в } \bar{H}^{\text{TM}} C \bar{I} P \cdot C - P i, P i P^{\circ} C \bar{H} P e C - P S C \acute{I} P s P S C - P \cdot P j, C \acute{I} P \gg P \ddot{e} P S P s C, P_{\mu} C \ddagger P^{\circ},$
 $C, P_{\mu} P S P s P j P_{\mu} P s B \ll P \cdot C r P \pm C \ddagger P^{\circ} C, P s P i P s P e P s P \gg P_{\mu} C \acute{I} P^{\circ} B \gg, P \pm C \bar{H} P^{\circ} P r P \ddot{e} P e C - P S P_{\mu} P \cdot C - C \bar{I},$
 $P i C - P i P s P e C - P S P_{\mu} P \cdot C - C \bar{I}, P j P^{\circ} C \acute{I} P e P s P i P s P r C - P \pm P S P_{\mu} P s P \pm P \gg P \ddot{e} C \ddagger C \bar{I} C,$
 $P S P^{\circ} P i C \bar{H} C r P \bar{I} P_{\mu} P S C - C \acute{I} C, C \bar{H} P j \text{ в } \bar{H}^{\text{TM}} C \bar{I} P \cdot C - P i, P^{\circ} P e C - P S P_{\mu} P \cdot C - C \bar{I}, C \bar{H} P \ddot{e} P i C - P r P S C - C \acute{I} C, C \bar{H}$
 $P i P s C, P \ddot{e} P \gg P \ddot{e} C \ddagger P S P \ddot{e} C \dots P j \text{ в } \bar{H}^{\text{TM}} C \bar{I} P \cdot C - P i, C \bar{H} P \ddot{e} P i C - P r P S C - C \acute{I} C, C \bar{H} P j \text{ в } \bar{H}^{\text{TM}} C \bar{I} P \cdot C - P i,$
 $P i P^{\circ} C \bar{H} P e C - P S C \acute{I} P s P S C - C \ddagger P S P^{\circ} C \dots P s P r P^{\circ}, P \ddot{I} P s C \bar{H} C r C \bar{e} P_{\mu} P S P S C \bar{I} P i P \gg P^{\circ} P \pm P_{\mu} P \gg C \bar{I} C \bar{H} P S P s P i P s$
 $C \bar{H} P_{\mu} C, P \gg P_{\mu} P e C \acute{I} C r, P i P^{\circ} C \bar{H} P e C - P S C \acute{I} P s P S C - C \ddagger P S P \ddot{e} P N_{\bar{e}} C, C \bar{H} P_{\mu} P j P s C \bar{H}), P^{\circ} P e P^{\circ} C, P \ddot{e} P \cdot C - C \bar{H}$
 $(P^{\circ} P e P^{\circ} C, P \ddot{e} P \cdot C - C \bar{I}, P S P_{\mu} C \acute{I} P i P s P e C - P N_{\bar{e}}, P i C - P i P_{\mu} C \bar{H} P e C - P S P_{\mu} P \cdot C - C \bar{I}, C \acute{I} P \ddot{e} P S P r C \bar{H} P s P j$

PSPμCÍPīPsPeC-PN̄PSPëC... PSC-Pi), C, C̄PμPjPsC̄P, PrPëCÍPëC-PSPμP·C-C̄P
 (PrPëCÍPëC-PSPμP·C-C̄P, PīPsCÍPjPëPëCfPīP°PSPSC̄P PjB̄P™ C̄P·C-PI,
 C...PsC̄PμPsP°C, PμC, PsP·, P°C, PμC, PsP·, PjC-PsPeP»PsPSCfCÍ), PrPëCÍC, PsPSC-C̄P.
 P°PëCÍC, PsPSC-C̄P PīPeP»C̄P C̄P°C” PrPëCÍC, PsPSC-C̄P, P°C̄P, PμC̄P-C-P°P»CH̄PSCf
 PiC-PīPμC̄P, PμPSP·C-C̄P, PeC̄PëPīPsCëPëC̄P, PjPëPjPsPIC-P»CH̄PSC- PjB̄P™ C̄P·PsPIC-
 CÍPëPsC̄PμC̄PμPSPSC̄P, PjC-PsPiPμPSPSC- PePsPSC, C̄P°PeC, CÍC̄Pë,
 P±P»PμC,, P°C̄PμC̄PīP°P·Pj, C̄P CÍC... PsC̄PSPsPiPs C̄P±P»CÍPëP°, PīP°C̄P°P»C-C̄P
 C̄P·PëPëP°, C, PëPë (PI PrC-P»C̄PSC†C- PsP±P»PëC̄C̄C̄P), P»P°C̄PëPSPiPsCÍPīP°P·Pj,
 PjC-PsC, PsPSC-C̄P, PsPiC-CÍC, PsC, PsPSCfCÍ, C̄PμC, PsPiP»PsC, PePsPīPëPN̄ CÍPīP°P·Pj,
 PīP»PμPIC̄PμC, PsPSCfCÍ, CÍPīP°P·Pj C̄P·PëPëP°, C, C̄PëP·Pj. P’PeP»C̄P C̄PμPSPs
 P±C-P»CH̄CëPëPN̄ PīPμC̄PμP»C-Pe CÍPëPjPiC, PsPjC-PI, C%Ps PSPμ
 PsP±PsPiB̄P™ C̄P·PePsPiPs PjP°C̄P, CH̄ PμPeCÍC, C̄P°PiC-C̄P°PjC-PrPSPμ
 PīPsC...PsPrP¶PμPSPSC̄P. P’PμP·CÍPμPSPSC̄P PīPeP»C̄P C̄P°C”: PīPsC̄P C̄PëPμPSPSC̄P
 P·P°CÍPëPSP°PSPSC̄P, C-PSC, C̄P°CÍPμPjPSC-C̄PSPëPN̄ C̄PμP·P»P°Pr. P̄CfPrPsPjPë
 PīPeP»C̄P C̄P°C̄P, CH̄: PīPμP»PëPëPëPN̄ PμPiC-P»PμPiC, PëC̄PSPëPN̄ PSP°PīP°Pr.
 P̄PμPSCfC, C̄P CÍP°P»CH̄PSC- C̄PμP·P»P°PrPë PīPeP»C̄P C̄P°C̄P, CH̄:
 PSPμC̄PμPiCfP»C̄P C̄PμPSCfC, C̄P CÍP°C†C-C—, PsP»C-PiPsPjPμPSPsC̄PμC̄P.
 P̄P°P±C̄P C̄PμP PīPeP»C̄P C̄P°C”: PīPμPSPμC̄P°P»C-P·PsPīP°PSPëPN̄ PSP°P±C̄P C̄PμPë,
 PīPμC̄PëC,, PμC̄PëC̄PSPëPN̄ PSP°P±C̄P C̄PμPë, B«C, PsC̄PPePsPīPëPN̄B» PSP°P±C̄P C̄PμPë.

PμPsP±C-C̄PSC- C̄PμP°PeC†C-C— PīP°P»C-PīPμC̄PëPrPsPSCf

PμP°P»C-PīPμC̄PëPrPsPS C” P°PeC, PëPīPSPëPj PjPμC, P°P±PsP»C-C, PsPj
 C̄PëCÍPīPμC̄PëPrPsPSCf, C, PsPjCf PīC̄PμC,, C-P»C- PīPsP±C-C̄PSPëC... C̄PμP°PeC†C-PN̄
 C†PëC... C̄PμC̄PμPīPëPS PīPsPrC-P±PSC-. P”PsPrP°C, PePsPiPs PrPs P·P°P·PSP°C̄PμPSPëC...
 PīPëC%Pμ PīPsP±C-C̄PSPëC... C̄PμP°PeC†C-PN̄ PīC̄Pë P·P°CÍC, PsCÍCfPīP°PSPSC-
 PīP°P»C-PīPμC̄PëPrPsPSCf PīPsPIC-PrPsPjP»C̄P»PsCÍC̄P PīC̄Pμ CÍPëPSPrC̄PμPj
 PīPsCÍC, CÍC̄P°P»CH̄PSPsC— PsC̄PμC, PsCÍC, P°C, PëC̄PSPsC— C, P°C...C-PeP°C̄PPrC-C—,
 C̄PμPëPëPN̄, C-PjPsPIC-C̄PSPs, PjPsP¶Pμ CÍPīPsCÍC, PμC̄Pμ-PiP°C, PëCÍC̄P C- PīC̄Pë
 P·P°CÍC, PsCÍCfPīP°PSPSC- C̄PëCÍPīPμC̄PëPrPsPSCf.

*PμPsP±C-C̄PSC- C̄PμP°PeC†C-C—, PīP»P°CÍC, PëPIC- P°PSC, PëPīCÍPëC...PsC, PëC̄PSPëPj
 P»C-PeP°C̄P C̄PμPëPj P·P°CÍPμP±P°Pj*

PμPsPrPsPīP¶PμPSPSC̄P C-PSC, PμC̄PμPīP°P»Cf QT. PīPe C- PīC̄Pë
 P·P°CÍC, PsCÍCfPīP°PSPSC- C-PSCëPëC... P°PSC, PëPīCÍPëC...PsC, PëPëC-PI, CÍ
 PīPsCÍC, PjP°C̄PμPμC, PëPSPiPsPiPsPjCf PīPμC̄PμC-PsPrC- PīPsPIC-PrPsPjP»C̄P»PsCÍC̄P
 PīC̄Pμ PīPsPrPsPīP¶PμPSPSC̄P C-PSC, PμC̄PμPīP°P»Cf QT PīC̄Pë
 P·P°CÍC, PsCÍCfPīP°PSPSC- C̄PëCÍPīPμC̄PëPrPsPSCf. P̄P°PePsP¶ PīC̄Pë
 P·P°CÍC, PsCÍCfPīP°PSPSC- P°PSC, PëPīCÍPëC...PsC, PëC̄PSPëC... PīC̄PμPīP°C̄P°C, C-PI
 PīPsPIC-PrPsPjP»C̄P»PsCÍC̄P PīC̄Pμ C-PSCëC- PīPsP±C-C̄PSC- C̄PμP°PeC†C-C— P·
 P±PsPeCf CÍPμC̄P C̄Pμ, C%Ps PīPsPrPsPīP¶CÍC̄P, CH̄ C-PSC, PμC̄PμPīP°P» QT,
 C, P°PeC- C̄Pμ PīPμPSC, C̄PëPëCfP»C̄P C̄PμPSP° P°C̄PëC, PjC-C̄P,
 C,, C-P±C̄PëP»C̄P C̄PμC̄P PīPμC̄PμPrCÍPμC̄PPrCH̄, PīPμPSC, C̄PëPëCfP»C̄P C̄PμPSP°
 C, P°C...C-PeP°C̄PPrC-C̄P, C̄P°PiC, PsPīP° CÍPjPμC̄Pμ, CH̄, P·CfPīPëPSPeP°
 CÍPμC̄P C̄Pμ, C, C̄PμC-PiPsC, C-PSPSC̄P-PjPμC̄PμC...C, C-PSPSC̄P.

P’PμPSPsP·PSP° C, C̄PμPsPjP±PsPμPjP±PsP»C-C̄P. PμC-Pr C̄P°CÍ
 P·P°CÍC, PsCÍCfPīP°PSPSC̄P P°PSC, PëPīCÍPëC...PsC, PëC̄PSPëC... PīC̄PμPīP°C̄P°C, C-PI

PIC-PrPjC-C†P°P»PëCfCH PIPëPïP°PrPePë CḡPsP·PIPëC,PeCf PIPμPSPsP·PSPsC—
C,CḡPsPjP±PsPμPjP±PsP»C-C—, PIPeP»CḡC†P°CḡC†Pë P»PμPiPμPSPμPICf PμPjP±PsP»C-Cḡ
C,P° C,CḡPsPjP±PsP· PiP»PëP±PsPePëC... PIPμPS.

P—P±C-P»CHC€PμPSPSCḡ PjP°CfPë C,C-P»P°. PμPsCḡC-PIPSCḡPSPSCḡ PeC-P»CHPePsCfC,C-
PïP°C†C-C”PSC,C-PI, CḡPeC- PïCḡPëPNëPjP°P»Pë CḡPëCfPïPμCḡPëPrPsPS, C-
PïP°C†C-C”PSC,C-PI, CḡPeC- PïCḡPëPNëPjP°P»Pë PïP»P°C†PμP±Ps C,P° PjP°P»Pë
P·P±C-P»CHC€PμPSPSCḡ PjP°CfPë C,C-P»P° PSP° 7 %, Cf
PïP»P°C†PμP±PsPePsPSC,CḡPsP»CHPsPIP°PSPëC... PrPsCfP»C-PrPḡPμPSPSCḡC...
PïPsPeP°P·P°P»Ps CfC,P°C,PëCfC,PëC†PSPs P·PSP°C†CfC%oCf CḡC-P·PSPëC†Cḡ Cf
C†P°CfC,PsC,C- PIPëPïP°PrPeC-PI P·P±C-P»CHC€PμPSPSCḡ PjP°CfPë C,C-P»P° Cf PiCḡCfPïC-
PïP°C†C-C”PSC,C-PI, CḡPeC- PïCḡPëPNëPjP°P»Pë CḡPëCfPïPμCḡPëPrPsPS (18 %),
PïPsCḡC-PIPSCḡPSPs P· C,P°PePsCḡ Cf PïP°C†C-C”PSC,C-PI, CḡPeC-
P·P°CfC,PsCfPsPICfPIP°P»Pë PïP»P°C†PμP±Ps (9 %). PJ C...PsPrC- 3-C,PëPḡPSPμPIPëC...
PïP»P°C†PμP±PsPePsPSC,CḡPsP»CHPsPIP°PSPëC... PrPsCfP»C-PrPḡPμPSCH Cf
PrPsCḡPsCfP»PëC... PïP°C†C-C”PSC,C-PI C-P· PiPsCfC,CḡPsCḡ PjP°PSC-C”Cḡ C†P°CfC,PsC,P°
P·P±C-P»CHC€PμPSPSCḡ PjP°CfPë C,C-P»P° PSP° ≥ 7 % P±CfP»P° PïPsCḡC-PIPSCḡPSPSPsCḡ
P· C,P°PePsCḡ Cf PiCḡCfPïC- PïP°C†C-C”PSC,C-PI, CḡPeC- PïCḡPëPNëPjP°P»Pë
CḡPëCfPïPμCḡPëPrPsPS (2,5 %), C- Cf PiCḡCfPïC- PïP°C†C-C”PSC,C-PI, CḡPeC-
PïCḡPëPNëPjP°P»Pë PïP»P°C†PμP±Ps (2,4 %), C,P° P±CfP»P° PrPμC%oPs PIPëC%oPsCḡ Cf
PiCḡCfPïC- P°PeC,PëPIPSPsPiPs PePsPSC,CḡPsP»Cḡ (3,5 %).

PJ PiCḡCfPïC- PrC-C,PμPNë C-P· PïPsCḡCfC€PμPSPSCḡPjPë PïPsPIPμPrC-PSPëPë
PïCḡPsC,CḡPiPsPj PrPsCfP»C-PrPḡPμPSCH PjP°CfP° C,C-P»P° PïP°C†C-C”PSC,C-PI
P·P±C-P»CHC€CfPIP°P»P°CfCH Cf CfPμCḡPμPrPSCHPsPjCf PSP° 7,3 PePi PïC-CfP»Cḡ 12
PjC-CfCḡC†C-PI P»C-PeCfPIP°PSPSCḡ. PhC†C-PeCfPIP°PSPμ P·P±C-P»CHC€PμPSPSCḡ
PjP°CfPë C,C-P»P° PrP»Cḡ PrC-C,PμPNë P· PSPsCḡPjP°P»CHPSPsCḡ PjP°CfPsCḡ C,C-P»P° Cf
PIC-C†C- 5bḡ“12 CḡPsPeC-PI bḡ” PIC-Pr 3 PrPs 5 PePi PSP° CḡC-Pe. PμPsC†PëPSP°CḡC†Pë P· 12
CḡPsPeC-PI P·P±C-P»CHC€PμPSPSCḡ PjP°CfPë C,C-P»P° PrP»Cḡ PrC-PIC†P°C,
P·P°P»PëC€P°C”C,CHCfCḡ PIC-Pr 3 PrPs 5 PePi PSP° CḡC-Pe, C,PsPrC- CḡPe C...P»PsPïC†C-
PSP°P±PëCḡP°CḡC,CH Cf CfPμCḡPμPrPSCHPsPjCf 5 PePi PSP° CḡC-Pe.

PhCfPsP±P»PëPIC- PeP°C,PμPiPsCḡC-C— PïP°C†C-C”PSC,C-PI

PμPsP±C-C†PSC- CḡPμP°PeC†C-C— Cf PïP°C†C-C”PSC,C-PI P»C-C,PSCHPsPiPs PIC-PeCf P·
PrPμPjPμPSC†C-C”Cḡ P°P±Ps Cf PrC-C,PμPNë, PïCḡPs CḡPeC- PïPsPIC-PrPsPjP»CḡP»PsCfCH P·
P±C-P»CHC€PsCḡ, PSC-Pḡ Cf PeP°C,PμPiPsCḡC-C— PrPsCḡPsCfP»PëC... PïP°C†C-C”PSC,C-PI,
C†P°CfC,PsC,PsCḡ, PsPïPëCfP°PSC- PSPëPḡC†Pμ.

PμP°C†C-C”PSC,Pë P»C-C,PSCHPsPiPs PIC-PeCž P· PrPμPjPμPSC†C-C”Cḡ.
PḡCḡP°PSP·PëC,PsCḡPSP° C-C€PμPjC-C†PSP° P°C,P°PeP° C,P°
C†PμCḡPμP±CḡPsPIP°CfPeCfP»CḡCḡPSC- CḡPsP·P»P°PrPë bḡ” PïPsP±C-C†PSC-
CḡPμP°PeC†C-C—, PïCḡPs CḡPeC- PïPsPIC-PrPsPjP»CḡP»PsCfCḡ PïCḡPsC,CḡPiPsPj
PeP»C-PSC-C†PSPëC... PrPsCfP»C-PrPḡPμPSCH C-P· C†P°CfC,PsC,PsCḡ 1,4 % C,P° 1,5 %
PIC-PrPïPsPIC-PrPSPs Cf PïP°C†C-C”PSC,C-PI P»C-C,PSCHPsPiPs PIC-PeCf P·
PrPμPjPμPSC†C-C”Cḡ. PhPeCḡC-Pj C†CHPsPiPs, C,P°PeC- PïPsP±C-C†PSC- CḡPμP°PeC†C-C—
PIPëPSPëPeP°P»Pë P· C†P°CfC,PsC,PsCḡ ≥ 5 % Cf PïP°C†C-C”PSC,C-PI P»C-C,PSCHPsPiPs
PIC-PeCf P· PrPμPjPμPSC†C-C”Cḡ C,P° C-P· C%oPsPSP°PNëPjPμPSC€Pμ PIPrPIC-C†C-
PIPëC%oPsCḡ C†P°CfC,PsC,PsCḡ, PSC-Pḡ Cf C-PSC€PëC... PeP°C,PμPiPsCḡC-PNë
PrPsCḡPsCfP»PëC... PïP°C†C-C”PSC,C-PI: C-PSC,,PμPeC†C-C— CfPμC†PsPIPëPIC-PrPSPëC...
C€P»CḡC...C-PI, PïPμCḡPëC,,PμCḡPëC†PSPëPNë PSP°P±CḡCḡPe, P»PμC,P°CḡPiC-Cḡ C,P°
PeP°C€PμP»CH.

P''C-C,Pë. PhC†C-PeC†PIP°PSC- PïPsP±C-C†PSC- CḡPμP°PeC†C-C— C† PrC-C,PμPNë C†C...PsP¶C- P·C,P°PePëPjPë C† PrPsCḡPsC†P»PëC... P·P° C†P°C†C,PsC,PsCḡ PIPëPSPëPePSPμPSPSCḡ, C,PëPïPsPj C,P° C†C,C†PïPμPSPμPj C,CḡP¶PePsC†C,C-.

PμPsP±C-C†PSC- CḡPμP°PeC†C-C—, C%Ps C†PïPsC†C,PμCḡC-PiP°P»PëC†Cḡ C† PrC-C,PμPNë (PIC-PePsPj PIC-Pr 5 PrPs 17 CḡPsPeC-PI) C-P· C†P°C†C,PsC,PsCḡ ≥ 5 % C,P° P·C- C%PsPSP°PNëPjPμPSCëPμ C†PrPIC-C†C- PIPëC%PsCḡ C†P°C†C,PsC,PsCḡ, PSC-P¶ C† PrPsCḡPsC†P»PëC... PïP°C†C-C''PSC,C-PI: C†PsPSP»PëPIC-C†C,Ch/C†PμPrP°C†C-Cḡ, PIC,PsPjP°, PiPsP»PsPIPSPëPNë P±C-P»Ch, PïC-PrPIPëC%PμPSPSCḡ P°PïPμC,PëC,C†, P±P»CḡPIP°PSPSCḡ, C-PSC,,PμPeC†C-C— PIPμCḡC...PSC-C... PrPëC...P°P»ChPSPëC... CëP»CḡC...C-PI, P·P°PeP»P°PrPμPSC-C†C,Ch PSPSC†P°, P±C-P»Ch C† P¶PëIPsC,C-, P·P°PïP°PjPsCḡPsC†PμPSPSCḡ, PeP°CëPμP»Ch, PïC-CḡPμPeC†C-Cḡ, C,CḡPμPjPsCḡ, PrC-P°CḡPμCḡ C,P° PμPSC†CḡPμP·.

P'PïP»PëPI C,CḡPëPIP°P»PsPiPs P»C-PeC†PIP°PSPSCḡ CḡPëC†PïPμCḡPëPrPsPSPsPj PSP° C†C,P°C,PμPIPμ PrPsP·CḡC-PIP°PSPSCḡ C- CḡC-C†C, PSPμPrPsC†C,P°C,PSChPs PIPëPIC†PμPSC- (PrPëPI. CḡPsP·PrC-P» B«PhC†PsP±P»PëPIPsC†C,C- P·P°C†C,PsC†C†PIP°PSPSCḡB»).

PμPsPIC-PrPsPjP»PμPSPSCḡ PïCḡPs PïC-PrPsP·CḡCḡPIP°PSC- PïPsP±C-C†PSC- CḡPμP°PeC†C-C—

PμPsPIC-PrPsPjP»PμPSPSCḡ PïCḡPs PïPsP±C-C†PSC- CḡPμP°PeC†C-C— PïC-C†P»Cḡ CḡPμC''C†C,CḡP°C†C-C— P»C-PeP°CḡC†ChPePsPiPs P·P°C†PsP±C† PjP°C'' PIP°P¶P»PëPIPμ P·PSP°C†PμPSPSCḡ. P|Pμ PrP°C'' P·PjPsPiC† PïCḡPsPiPsPrPëC,Pë PjPsPSC-C,PsCḡPëPSPi C†PïC-PIPIC-PrPSPScëPμPSPSCḡ PePsCḡPëC†C,Ch/CḡPëP·PëPe PïCḡPë P·P°C†C,PsC†C†PIP°PSPSC- C†ChPsPiPs P»C-PeP°CḡC†ChPePsPiPs P·P°C†PsP±C†. PḡPμPrPëC†PSPëPj C,P° C,,P°CḡPjP°C†PμPIC,PëC†PSPëPj PïCḡP°C†C-PIPSPëPeP°Pj, P° C,P°PePsP¶ PïP°C†C-C''PSC,P°Pj P°P±Ps C—C... P·P°PePsPSPSPëPj PïCḡPμPrC†C,P°PIPSPëPeP°Pj C†P»C-Pr PïPsPIC-PrPsPjP»CḡC,Pë PïCḡPs C†C†C- PIPëPïP°PrPePë PïC-PrPsP·CḡCḡPIP°PSPëC... PïPsP±C-C†PSPëC... CḡPμP°PeC†C-PNë C,P° PIC-PrC†C†C,PSPsC†C,C- PμC,,PμPeC,PëPIPSsC†C,C- P»C-PeP°CḡC†ChPePsPiPs P·P°C†PsP±C† C†PμCḡPμP· PhPIC,PsPjP°C,PëP·PsPIP°PSC† C-PSC,,PsCḡPjP°C†C-PNëPSC† C†PëC†C,PμPjC† P· C,,P°CḡPjP°PePsPSP°PiP»CḡPrC† P·P° PïPsC†PëP»P°PSPSCḡPj: <https://aisf.dec.gov.ua/>.

Pj CḡP°P·C- PIPëPSPëPePSPμPSPSCḡ PïPsP±C-C†PSPëC... CḡPμP°PeC†C-PNë P°P±Ps P·P°PïPëC,P°PSCh C%PsPrPs P±PμP·PiPμPePë C,P° PμC,,PμPeC,PëPIPSsC†C,C- P·P°C†C,PsC†C†PIP°PSPSCḡ P»C-PeP°CḡC†ChPePsPiPs P·P°C†PsP±C†, PïCḡPsC†PëPjPs P·PIPμCḡC,P°C,PëC†Cḡ PrPs PIC-PrPrC-P»C† C,,P°CḡPjP°PePsPSP°PiP»CḡPrC† PḡPhP' B«PhPḡP†PḡPh PJPḡP PhP†PḡPhB» P·P° P°PrCḡPμC†PsCḡ: P±C†P»ChPIP°Cḡ P'P°C†P»P°PIP° P''P°PIPμP»P°, 8, Pj. PḡPëC—PI, 03124, C,PμP»/C,,P°PeC†: 38 044 281 2333.

PḡPμCḡPjC-PS PïCḡPëPrP°C,PSPsC†C,C-.

3 CḡPsPePë.

РѳРµСґРјС-PS ПґСґРёРґР°С,PSPsCґС,С- ПґС-СґР»Сґ ПґРµСґСёPsPiPs
СґPsP·PeСґРёС,С,Сґ С„Р»Р°PePsPSP° бґ” 4 РјС-СґСґСґС-.

РЈРјPsPIPё Р·Р±РµСґС-РiP°PSPSCґ.

Р—Р±РµСґС-РiP°С,Рё П PsСґРёРiС-PSP°Р»СґPSC-Р№ СґРiР°PePsPICґС-.
Р—Р±РµСґС-РiP°С,Рё Сґ PSPµРґPsCґС,СґРiPSPsРјСґ РґР»»Сґ РґС-С,РµР№ РјС-СґСґС-. РќРµ
РiPsС,СґРµР±СґС” PsCґPsP±Р»РёPIPёС... СґРјPsPi Р·Р±РµСґС-РiP°PSPSCґ. РќРµ
Р·Р°РјPsСґPsPґCґPIP°С,Рё.

РЈРiР°PePsPIPeP°.

РµPs 30 РјР» Сґ С„Р»Р°PePsPSC-; РiPs 1 С„Р»Р°PePsPSCґ Сґ PePsРјРiР»РµС,С- Р·
РґPsP·CґСґСґPsСґ ПґС-РiРµС,PePsСґ П PeP°СґС,PsPSPSC-Р№ РiP°СґСґС-.

РљР°С,РµРiPsСґС-Сґ PIC-РґРiCґCґPeCґ.

Р—Р° СґРµСґРµCґРµPґ,PsРј.

Р’РёСґPsP±PSPёPe.

РёР°PSPµР»Сґ РґРµРµРґС-РeP°Р» РґPSP»С-РјС-С,РµРґ РґPsРјРiР°PSC-

**РґС-СґСґРµР·PSP°С...PsРґРґРµPSPSCґ PIPёСґPsP±PSPёPeP° С,Р° Р°РґСґРµCґР°
РјС-СґСґСґ ПґСґPsPIP°РґРґРµPSPSCґ Р№PsPiPs РґС-СґР»»СґPSPsCґС,С-.**

Р”CґР±Р»С-PS Р PsCґРґ, Р>PsС...СґРµР№, РґPs. Р”Р°Р»РµР№, H62 FH90, РґСґР»Р»Р°PSPґС-Сґ