

PeP°PiCÍCrP»Pë P· PeCĤPëC€PµC‡PePsCĤ C‡PµCĤPIPSPSPs-PePsCĤPëC‡PSPµPIPsPiPs
PePsP»CHĤPsCĤCÍ C- PePsCĤPiCÍCrCÍPsPj P±C-P»PsPiPs PePsP»CHĤPsCĤCÍ. P'PjC-CÍC,
PeP°PiCÍCrP» BĤ“ PiPsCĤPsC€PsPe P±C-P»PsPiPs P°P±Ps PjP°PNëP¶Pµ P±C-P»PsPiPs
PePsP»CHĤPsCĤCÍ.

PαP°CĤPjP°PePsC,PµCĤP°PiPµPIC,PëC‡PSP° PiCĤCÍPiP°. PĥPSP°P»PiPµC,PëPePë. P‡PSC€C-
P°PSP°P»PiPµC,PëPePë C,P° P¶P°CĤPsP·PSPëP¶CÍCĤC‡C- P·P°CÍPsP±Pë.
P“P°P±P°PiPµPSC,PëPSPsC—PrPë. PĤPsPr PĥPÿPΓ N02B F02.

PαP°CĤPjP°PePsP»PsPiC-C‡PSC- PIP»P°CÍC,PëPIPsCÍC,C-.

PαP°CĤPjP°PePsPrPëPSP°PjC-PeP°.

P“C-CĤC‡P° CĤPµC‡PsPIPëPSP° PiCĤPµPiP°P±P°P»C-PS C“ P°PSP°P»PsPiPsPj PiP°PjPjP°-
P°PjC-PSPsPjP°CÍP»CĤPSPsC— PePëCÍP»PsC,Pë [(S)-3-(P°PjC-PSPsPjPµC,PëP»)-

5-PjPµC,PëP»PiPµPeCÍP°PSPsPIP° PePëCÍP»PsC,P°)].

PĤPµC...P°PSC-P·Pj PrC-C—

PµCĤPµPiP°P±P°P»C-PS P·PiBĤ™ CĤP·CÍC“C,CHCÍCĤ P· PrPsPiPsPjC-P¶PSPsCĤ
CÍCÍP±PsPrPëPSPëC‡PµCĤ (α,δ P±C-P»PsPe) PiPsC,PµPSC‡C-P°P»PsP·P°P»PµP¶PSPëC...
PeP°P»CHC‡C-C“PIPëC... PeP°PSP°P»C-PI CÍ C‡PµPSC,CĤP°P»CHĤPSC-PNë PSPµCĤPIPSPIC-PNë
CÍPëCÍC,PµPjC- (P¡PќPÿ).

PĤP»C-PSC-C‡PSP° PµC,,PµPeC,PëPIPSC-CÍC,CH C- P±PµP·PiPµPeP°.

BĤ“ PќPµPNëCĤPsPiP°C,PëC‡PSPëPNë P±C-P»CHĤ.

PµC-Pr C‡P°CÍ PrPsCÍP»C-PrP¶PµPSCĤ PICÍC,P°PSPsPIP»PµPSPs, C%oPs PiCĤPµPiP°CĤP°C,
PµC,,PµPeC,PëPIPSPëPNë PiCĤPë P»C-PeCÍPIP°PSPSC- PrC-P°P±PµC,PëC‡PSPsC—
PSPµPNëCĤPsPiP°C,C-C—, PiPsCÍC,PiPµCĤPiPµC,PëC‡PSPsC— PSPµPICĤP°P»PiC-C— C,P°
CÍC€PePsPrP¶PµPSPSCĤ CÍPiPëPSPSPsPiPs PjPsP·PeCÍ. P·C,,PµPeC,PëPIPSC-CÍC,CH
PiCĤPµPiP°CĤP°C,CÍ PiCĤPë C-PSC€PëC... PIPëPrP°C... PSPµPNëCĤPsPiP°C,PëC‡PSPsPiPs
P±PsP»CĤ PSPµ PIPëPIC‡P°P»Pë.

PµCĤPµPiP°P±P°P»C-PS PIPëPIC‡P°P»Pë CÍ 10 PePsPSC,CĤPsP»CHĤPsPIP°PSPëC...
PeP»C-PSC-C‡PSPëC... PrPsCÍP»C-PrP¶PµPSPSCĤC... C,CĤPëPIP°P»C-CÍC,CĤ PrPs 13
C,PëP¶PSC-PI P· CĤPµP¶PëPjPsPj P·P°CÍC,PsCÍCÍPIP°PSPSCĤ PiCĤPµPiP°CĤP°C,CÍ PrPIC-C‡C-
PSP° PrPsP±CÍ C,P° CÍ PrPsCÍP»C-PrP¶PµPSPSCĤC... C,CĤPëPIP°P»C-CÍC,CĤ 8 C,PëP¶PSC-PI
P· CĤPµP¶PëPjPsPj P·P°CÍC,PsCÍCÍPIP°PSPSCĤ PiCĤPµPiP°CĤP°C,CÍ C,CĤPëC‡C- PSP°
PrPsP±CÍ. P—P°PiP°P»PsPj PiCĤPsC,,C-P»CHĤ P±PµP·PiPµPePë C,P° PµC,,PµPeC,PëPIPSC-CÍC,CH
PsP±PsC... CĤPµP¶PëPjC-PI PiCĤPëPNëPsPjCÍ P±CÍP»Pë PiPsPrC-P±PSPëPjPë.

Pj PeP»C-PSC-C‡PSPëC... PrPsCÍP»C-PrP¶PµPSPSCĤC... C,CĤPëPIP°P»C-CÍC,CĤ PrPs 12
C,PëP¶PSC-PI PiCĤPë P·P°CÍC,PsCÍCÍPIP°PSPSC- PiCĤPµPiP°P±P°P»C-PSCÍ PrP»CĤ
P»C-PeCÍPIP°PSPSCĤ PSPµPNëCĤPsPiP°C,PëC‡PSPsPiPs P±PsP»CĤ PiCĤPë
CÍC€PePsPrP¶PµPSPSC- PiPµCĤPëC,,PµCĤPëC‡PSPsC— C,P° C‡PµPSC,CĤP°P»CHĤPSPsC—
PSPµCĤPIPSPsC— CÍPëCÍC,PµPjPë P·PjPµPSC€PµPSPSCĤ P±PsP»CĤ

CÍPiPsCÍC, PμCĤC-PiP°P»PsCÍCĬ PiC-CÍP»CĬ PiPμCĤC€PsPiPs C, PëP¶PSCĬ C, P°
P·P±PμCĤC-PiP°P»PsCÍCĬ PiCĤPsC, CĬPiPsPj CÍCÍCHPsPiPs PiPμCĤC-PsPrCÍ
P»C-PeCÍPIP°PSPSCĬ.

Pj PePsPSC, CĤPsP»CHPsPIP°PSPëC... PeP»C-PSC-C±PSPëC... PrPsCÍP»C-PrP¶PμPSPSCĬC... P·
PIPëPIC±PμPSPSCĬ PiPμCĤPëC,, PμCĤPëC±PSPsPiPs PSPμPNëCĤPsPiP°C, PëC±PSPsPiPs P±PsP»CĤ
CÍ 35 % PiP°C†C-C”PSC, C-PI, CĬPeC- PsC, CĤPëPjCÍPIP°P»Pë P»C-PeCÍPIP°PSPSCĬ
PiCĤPμPiP°P±P°P»C-PSPsPj, C, P° CÍ 18 % PiP°C†C-C”PSC, C-PI P· PiCĤCÍPiPë PiP»P°C†PμP±Ps
CÍPiPsCÍC, PμCĤC-PiP°P»PsCÍCĬ PiPsPeCĤP°C%oPμPSPSCĬ PSP° 50 % P·P° C€PeP°P»PsCĤ
PsC†C-PSPePë P±PsP»CĤ. PŸPμCĤPμPr PiP°C†C-C”PSC, C-PI, CÍ CĬPePëC... PSPμ
PIPëPSPëPeP°P»P° CÍPsPSP»PëPIC-CÍC, CH, C, P°PePμ PiPsPeCĤP°C%oPμPSPSCĬ
CÍPiPsCÍC, PμCĤC-PiP°P»PsCÍCĬ CÍ 33 % PiP°C†C-C”PSC, C-PI PiCĤCÍPiPë
PiCĤPμPiP°P±P°P»C-PSCÍ, C, P° CÍ 18 % PiP°C†C-C”PSC, C-PI PiCĤCÍPiPë PiP»P°C†PμP±Ps.
PŸPμCĤPμPr PiP°C†C-C”PSC, C-PI, CÍ CĬPePëC... PIPëPSPëPeP°P»P° CÍPsPSP»PëPIC-CÍC, CH,
PeC-P»CHPeC-CÍC, CH PiP°C†C-C”PSC, C-PI, CĬPeC- PIC-PrPiPsPIC-P»Pë PSP°
P»C-PeCÍPIP°PSPSCĬ, CÍC, P°PSPsPIPëP»P° 48 % CÍ PiCĤCÍPiC- PiCĤPμPiP°P±P°P»C-PSCÍ C, P°
16 % CÍ PiCĤCÍPiC- PiP»P°C†PμP±Ps.

Pj PePsPSC, CĤPsP»CHPsPIP°PSPëC... PeP»C-PSC-C±PSPëC... PrPsCÍP»C-PrP¶PμPSPSCĬC... P·
PIPëPIC±PμPSPSCĬ PSPμPNëCĤPsPiP°C, PëC±PSPsPiPs P±PsP»CĤ C†PμPSC, CĤP°P»CHPsPiPs
PiPsC...PsPrP¶PμPSPSCĬ CÍ 22 % PiP°C†C-C”PSC, C-PI, CĬPeC- PsC, CĤPëPjCÍPIP°P»Pë
P»C-PeCÍPIP°PSPSCĬ PiCĤPμPiP°P±P°P»C-PSPsPj, C, P° CÍ 7 % PiP°C†C-C”PSC, C-PI P·
PiCĤCÍPiPë PiP»P°C†PμP±Ps CÍPiPsCÍC, PμCĤC-PiP°P»PsCÍCĬ PiPsPeCĤP°C%oPμPSPSCĬ PSP°
50 % P·P° C€PeP°P»PsCĤ PsC†C-PSPePë P±PsP»CĤ.

вĤ“ P·PiC-P»PμPiCÍC-CĬ.

P”PsPrP°C, PePsPIPμ P»C-PeCÍPIP°PSPSCĬ.

PμCĤPμPiP°P±P°P»C-PS PIPëPIC±P°P»Pë PiC-Pr C±P°CÍ 3 PePsPSC, CĤPsP»CHPsPIP°PSPëC...
PeP»C-PSC-C±PSPëC... PrPsCÍP»C-PrP¶PμPSPSCĬC... C, CĤPëPIP°P»C-CÍC, CĤ 12 C, PëP¶PSC-PI
P· CĤPμP¶PëPjPsPj P·P°CÍC, PsCÍCÍPIP°PSPSCĬ PrPIC-C±C- P°P±Ps C, CĤPëC±C- PSP° PrPsP±CÍ.
P—P°PiP°P»PsPj PiCĤPsC,, C-P»CH P±PμP·PiPμPePë C, P° PμC,, PμPeC, PëPIPSC-CÍC, CH PrP»CĬ
CĤPμP¶PëPjC-PI PiCĤPëPNëPsPjCÍ PrPIC-C±C- C, P° C, CĤPëC±C- PSP° PrPsP±CÍ P±CÍP»Pë
PiPsPrC-P±PSPëPjPë.

P—PjPμPSC€PμPSPSCĬ C±P°CÍC, PsC, Pë CÍCÍPrPsPjPSPëC... PSP°PiP°PrC-PI
CÍPiPsCÍC, PμCĤC-PiP°P»PsCÍCĬ PSP° PiPμCĤC€PsPjCÍ C, PëP¶PSC-.

P”C-C, Pë

P·C,, PμPeC, PëPIPSC-CÍC, CH C, P° P±PμP·PiPμPeP° PiCĤPμPiP°P±P°P»C-PSCÍ CĬPe
PrPsPiPsPjC-P¶PSPsPiPs P·P°CÍPsP±CÍ PiCĤPë PμPiC-P»PμPiCÍC-C— PrP»CĬ PrC-C, PμPNë
PIC-PePsPj PrPs 12 CĤPsPeC-PI C, P° PrP»CĬ PiC-PrP»C-C, PeC-PI PSPμ
PICÍC, P°PSPsPIP»PμPSC-. PμPsP±C-C±PSC- CĤPμP°PeC†C-C—, C%oPs
CÍPiPsCÍC, PμCĤC-PiP°P»PëCÍCĬ PI PrPsCÍP»C-PrP¶PμPSPSC- P· PIPëPIC±PμPSPSCĬ
C,, P°CĤPjP°PePsPeC-PSPμC, PëPePë C, P° PiPμCĤPμPSPsCÍPëPjPsCÍC, C-, PrPs CĬPePsPiPs
P±CÍP»Pë PIPeP»CĤC±PμPSC- PiP°C†C-C”PSC, Pë PIC-PePsPj PIC-Pr 3 PjC-CÍCĬC†C-PI PrPs
16 CĤPsPeC-PI (n=65) P· PiP°CĤC†C-P°P»CHPsPëPjPë CÍCÍPrPsPjPSPëPjPë PSP°PiP°PrP°PjPë,
P±CÍP»Pë PiPsPrC-P±PSC- PrPs PiPsP±C-C±PSPëC... CĤPμP°PeC†C-PNë CÍ PrPsCĤPsCÍP»PëC....
P PμP·CÍP»CHC, P°C, Pë 12-C, PëP¶PSPμPIPsPiPs PiP»P°C†PμP±Ps-
PePsPSC, CĤPsP»CHPsPIP°PSPsPiPs PrPsCÍP»C-PrP¶PμPSPSCĬ P·P° CÍC±P°CÍC, CĤ 295

PrC-C, P_μPN₆ PIC-PePsPj PIC-Pr 4 PrPs 16 C₇H₅PsPeC-PI C, P^o 14-PrP_μPSPSPsPiPs PiP»P^oC†P_μP±Ps-
PePsPSC, C₇H₅PsP»CH₅PsPIP^oPSPsPiPs PrPsC†P»C-PrP_μPSPSC_μ P·P^o C†C±P^oC†C, C₇H
175 PrC-C, P_μPN₆ PIC-PePsPj PIC-Pr 1 PjC-C†C_μC†C_μ PrPs PjP_μPSC€P_μ 4 C₇H₅PsPeC-PI,
PjP_μC, PsC₇ C_μPePëC... P±C†P»P^o PsC†C-PSPeP^o P_μC, P_μPeC, PëPIPSsC†C, C- C, P^o
P±P_μP·PiP_μPePë PiC₇H₅P_μPiP^oP±P^oP»C-PSC† C_μPe PrPsPrP^oC, PePsPIPsC— C, P_μC₇H₅P^oPiC-C—
PiP^oC₇C†C-P^oP»CH₅PSPëC... C†C†PrPsPjPSPëC... PSP^oPiP^oPrC-PI, C, P^o PrPIPsC...
PIC-PrPeC₇H₅PëC, PëC... PrPsC†P»C-PrP_μPSPSCH P±P_μP·PiP_μPePë C, C₇H₅PëPIP^oP»C-C†C, C₇H
1 C₇C-Pe P·P^o C†C±P^oC†C, C₇H 54 PrC-C, P_μPN₆ C, P^o 431 PrPëC, PëPSPë PIC-PrPiPsPIC-PrPSPs
PIC-PePsPj PIC-Pr 3 PjC-C†C_μC†C-PI PrPs 16 C₇H₅PsPeC-PI P· P_μPiC-P»P_μPiC†C-C”C₇H
PIPeP^o·C†C₇C, C₇H PSP^o C, P_μ, C₇Ps C, P^oPeC- PiPsP±C-C±PSC- C₇H₅P_μP^oPeC†C-C—, C_μPe
PiC-C₇H₅P_μPeC†C-C_μ C, P^o C-PSC, P_μPeC†C-C— PIP_μC₇C...PSC-C... PrPëC...P^oP»CH₅PSPëC...
C€P»C_μC...C-PI, C† PrC-C, P_μPN₆ C†PiPsC†C, P_μC₇C-PiP^oC₇C, C₇H₅C†C_μ C±P^oC†C, C-C€P_μ, PSC-P_μ
C† PrPsC₇H₅C†P»PëC... PiP^oC†C-C”PSC, C-PI P· P_μPiC-P»P_μPiC†C-C”C₇H (PrPëPI.
C₇H₅PsP·PrC-P»Pë B«P_YPiPsC†C-P± P·P^oC†C, PsC†C†PIP^oPSPSC_μ C, P^o PrPsP·PëB»,
B«P_μPsP±C-C±PSC- C₇H₅P_μP^oPeC†C-C—B» C, P^o B«P_αP^oC₇H₅PjP^oPePsPeC-PSP_μC, PëPeP^oB»).

PJ 12-C, PëP_μPSP_μPIPsPjC† PiP»P^oC†P_μP±Ps-PePsPSC, C₇H₅PsP»CH₅PsPIP^oPSPsPjC†
PrPsC†P»C-PrP_μPSPSC- PrC-C, C_μPj (PIC-PePsPj PIC-Pr 4 PrPs 16 C₇H₅PsPeC-PI)
PiC₇H₅PëP·PSP^oC±P^oP»Pë PiC₇H₅P_μPiP^oP±P^oP»C-PS PiPs 2,5 PjPi/PePi/PrPsP±C† (PjP^oPeC†PëPjC†Pj
150 PjPi/PrPsP±C†), PiC₇H₅P_μPiP^oP±P^oP»C-PS PiPs 10 PjPi/PePi/PrPsP±C† (PjP^oPeC†PëPjC†Pj
600 PjPi/PrPsP±C†) P^oP±Ps PiP»P^oC†P_μP±Ps. P_μC₇H₅PëPSP^oPN₆PjPSC- 50 % P·PjP_μPSC€P_μPSPSC_μ
PiP^oC₇C†C-P^oP»CH₅PSPëC... C†C†PrPsPjPSPëC... PSP^oPiP^oPrC-PI, C† PiPsC₇C-PIPS_μPSPSC- P·
PIPëC...C-PrPSPëPj C₇C-PIPS_μPj, C†PiPsC†C, P_μC₇C-PiP^oP»PsC†C_μ C† 40,6 %
PiP^oC†C-C”PSC, C-PI, C_μPeC- PsC, C₇H₅PëPjC†PIP^oP»Pë PiC₇H₅P_μPiP^oP±P^oP»C-PS C† PrPsP·C-
10 PjPi/PePi PSP^o PrPsP±C† (C₇H=0,0068 PiPsC₇C-PIPS_μPSPs P· PiP»P^oC†P_μP±Ps), 29,1 %
PiP^oC†C-C”PSC, C-PI, C_μPeC- PsC, C₇H₅PëPjC†PIP^oP»Pë PiC₇H₅P_μPiP^oP±P^oP»C-PS C† PrPsP·C-
2,5 PjPi/PePi/PrPsP±C† (C₇H=0,2600 PiPsC₇C-PIPS_μPSPs P· PiP»P^oC†P_μP±Ps) C, P^o 22,6 %
C, PëC..., C...C, Ps PsC, C₇H₅PëPjC†PIP^oPI PiP»P^oC†P_μP±Ps.

PJ 14-PrP_μPSPSPsPjC† PiP»P^oC†P_μP±Ps-PePsPSC, C₇H₅PsP»CH₅PsPIP^oPSPsPjC†
PrPsC†P»C-PrP_μPSPSC- PrC-C, C_μPj (PIC-PePsPj PIC-Pr 1 PjC-C†C_μC†C_μ PrPs PjP_μPSC€P_μ
4 C₇H₅PsPeC-PI) PiC₇H₅PëP·PSP^oC±P^oP»Pë PiC₇H₅P_μPiP^oP±P^oP»C-PS 7 PjPi/PePi/PrPsP±C†,
PiC₇H₅P_μPiP^oP±P^oP»C-PS 14 PjPi/PePi/PrPsP±C† P^oP±Ps PiP»P^oC†P_μP±Ps. P_μP_μPrC-P^oPSPSP^o
PrPsP±PsPIP^o C±P^oC†C, PsC, P^o C†C†PrPsPj PSP^o PIPëC...C-PrPSPsPjC† C₇C-PIPS_μC- C, P^o PSP^o
P·P^oPeP»C₇C±PSPsPjC† PIC-P·PëC, C- C†C, P^oPSPsPIPëP»P^o PIC-PrPiPsPIC-PrPSPs 4,7 C- 3,8
PiC₇H₅Pë P·P^oC†C, PsC†C†PIP^oPSPSC- PiC₇H₅P_μPiP^oP±P^oP»C-PSC† PI PrPsP·C- 7 PjPi/PePi/PrPsP±C†,
5,4 C, P^o 1,4 PiC₇H₅Pë P·P^oC†C, PsC†C†PIP^oPSPSC- PiC₇H₅P_μPiP^oP±P^oP»C-PSC† PI PrPsP·C-
14 PjPi/PePi/PrPsP±C† C, P^o 2,9 C- 2,3 PiC₇H₅Pë P·P^oC†C, PsC†C†PIP^oPSPSC- PiP»P^oC†P_μP±Ps.
P_μC₇H₅P_μPiP^oP±P^oP»C-PS C† PrPsP·C- 14 PjPi/PePi/PrPsP±C† P·PSP^oC±PSPs P·PjP_μPSC€C†PIP^oPI
P»PsPiP^oC₇H₅PëC, PjC-C±PSPs PiP_μC₇H₅P_μC, PIPsC₇H₅P_μPSC† C±P^oC†C, PsC, C†
PiP^oC₇C†C-P^oP»CH₅PSPëC... C†C†PrPsPjPSPëC... PSP^oPiP^oPrC-PI C† PiPsC₇C-PIPS_μPSPSC- P·
PiP»P^oC†P_μP±Ps (p = 0,0223); PiC₇H₅P_μPiP^oP±P^oP»C-PS C† PrPsP·C- 7 PjPi/PePi/PrPsP±C† PSP_μ
PiC₇H₅PrP_μPjPsPSC†C, C₇C†PIP^oPI PiPsPeC₇H₅P^oC_μPSPSC_μ PiPsC₇C-PIPS_μPSPs P·
PiP»P^oC†P_μP±Ps.

PJ 12-C, PëP_μPSP_μPIPsPjC† PiP»P^oC†P_μP±Ps-PePsPSC, C₇H₅PsP»CH₅PsPIP^oPSPsPjC†
PrPsC†P»C-PrP_μPSPSC- P·P^o C†C±P^oC†C, C₇H PiP^oC†C-C”PSC, C-PI C-P· PiP_μC₇H₅PIPëPSPSPëPjPë
PiP_μPSP_μC₇H₅P^oP»C-P·PsPIP^oPSPëPjPë C, PsPSC-PePs-PeP»PsPSC-C±PSPëPjPë (P_μP“P_YP_μ)
PSP^oPiP^oPrP^oPjPë 219 PiP^oC†C-C”PSC, P^oPj PIC-PePsPj PIC-Pr 5 PrPs 65 C₇H₅PsPeC-PI (P· PSPëC...
66 PsC†C-P± PIC-PePsPj PIC-Pr 5 PrPs 16 C₇H₅PsPeC-PI) P±C†P»Ps PiC₇H₅PëP·PSP^oC±P_μPSPs
PiC₇H₅P_μPiP^oP±P^oP»C-PS C† PrPsP·C- 5 PjPi/PePi/PrPsP±C† (PjP^oPeC†PëPjC†Pj 300 PjPi/PrPsP±C†)

P°P±Ps 10 PjPi/PePi/PrPsP±Cr (PjP°PeCfPëPjCrPj 600 PjPi/PrPsP±Cr) C±Pë PïP»P°C†PµP±Ps CÏPe PrPsPiPsPjC-P¶PSCr C,PµCfP°PiC-Cf. PµCfPëPSP°PNëPjPSC- 50 % P·PjPµPSCëPµPSPSCÏ C±P°CfC,PsC,Pë PµP°PÿPÿ PSp°PïP°PrC-PI C†PïPsCfC,PµCfC-PiP°P»PsCfCÏ Cr 41,3 %, 38,9 % C,P° 41,7 % PïP°C†C-C°PSC,C-PI, CÏPeC- PsC,CfPëPjCrPïP°P»Pë PïCfPµPiP°P±P°P»C-PS Cr PrPsP·C- 5 PjPi/PePi/PrPsP±Cr, PïCfPµPiP°P±P°P»C-PS Cr PrPsP·C- 10 PjPi/PePi/PrPsP±Cr C,P° PïP°P°C†PµP±Ps PIC-PrPïPsPIC-PrPSPs.

PfPsPSPsC,PµCfP°PiC-CÏ (PrP»CÏ PïP°C†C-C°PSC,C-PI P·C- C%oPsPNëPSPs PrC-P°PiPSPsCfC,PsPïP°PSPëPj P·P°C...PïPsCfCfPïP°PSPSCÏPj).

PµCfPµPiP°P±P°P»C-PS PïPëPIC±P°P»Pë Pï PsPrPSPsPjCr PePsPSC,CfPpsP»CfPsPïP°PSPsPjCr PeP»C-PSC-C±PSPsPjCr PrPsCfP»C-PrP¶PµPSPSC- C,CfPëPïP°P»C-CfC,Cf 56 C,PëP¶PSC-PI P· CfPµP¶PëPjPsPj P·P°CfC,PsCfCfPïP°PSPSCÏ PrPIC-C±C- PSp° PrPsP±Cr. PµCfPµPiP°P±P°P»C-PS PSpµ PrPsCfCÏPi P±C-P»CfCëPsC— PµC,,PµPeC,PëPïPSPsCfC,C- PïPsCfC-PIPSCÏPSPs P· P»P°PjPsC,CfPëPrP¶PëPSPsPj P·P° PsC†C-PSPePsCf C±PµCfPµP· 6 PjC-CfCÏC†C-PI PeC-PSC†PµPïPsC— C,PsC±PePë Bf” PIC-PrCfCfC,PSPsCfC,C- C†CfPrPsPjPSPëC... PSp°PïP°PrC-PI. PµCfPµPiP°P±P°P»C-PS C,P° P»P°PjPsC,CfPëPrP¶PëPS P±CrP»Pë PsPrPSP°PePsPïPs P±PµP·PïPµC±PSPëPjPë C,P° PrPsP±CfPµ PïPµCfPµPSPsCfPëP»PëCfCÏ.

Bf” P°PµPSPµCfP°P»C-P·PsPïP°PSPëPNë C,CfPëPïPsP¶PSPëPNë CfPpsP·P»P°Pr.

PµCfPµPiP°P±P°P»C-PS PïPëPIC±P°P»Pë Cr 6 PePsPSC,CfPpsP»CfPsPïP°PSPëC... PrPsCfP»C-PrP¶PµPSPSCÏC... C,CfPëPïP°P»C-CfC,Cf 4-6 C,PëP¶PSC-PI, Pï C...PsPrC- PsPrPSPsPiPs PrPsCfP»C-PrP¶PµPSPSCÏ C,CfPëPïP°P»C-CfC,Cf 8 C,PëP¶PSC-PI P· CrC±P°CfC,Cf PïP°C†C-C°PSC,C-PI P»C-C,PSCfPsPiPs PIC-PeCr C,P° PsPrPSPsPiPs PrPsPïPiPsC,CfPëPïP°P»PsPiPs PrPsCfP»C-PrP¶PµPSPSCÏ P· PïPëPIC±PµPSPSCÏ PïCfPpsC,,C-P»P°PeC,PëPePë CfPµC†PëPrPëPICr C-P· 6-PjC-CfCÏC±PSPsCf PïPsPrPIC-PNëPSPsCf C†P»C-PïPsCf C,,P°P·PsCf.

PµPsP»PµPiCëPµPSPSCÏ C†PëPjPiC,PsPjC-PI PïPµPSPµCfP°P»C-P·PsPïP°PSPsPiPs C,CfPëPïPsP¶PSPsPiPs CfPpsP·P»P°PrCr PIC-PrPïPsPIC-PrPSPs PrPs CëPeP°P»Pë P°P°PjC-P»CfC,PsPSP° PrP»CÏ PsC†C-PSPePë C,CfPëPïPsPiPë (HAM-A) C†PïPsCfC,PµCfC-PiP°P»PsCfCÏ PSp° PïPµCfCëPsPjCr C,PëP¶PSC-.

Pj PePsPSC,CfPpsP»CfPsPïP°PSPëC... PeP»C-PSC-C±PSPëC... PrPsCfP»C-PrP¶PµPSPSCÏC... (C,CfPëPïP°P»C-CfC,Cf 4-8 C,PëP¶PSC-PI) Cr 52 % PïP°C†C-C°PSC,C-PI, CÏPeC- PsC,CfPëPjCrPïP°P»Pë PïCfPµPiP°P±P°P»C-PS, C,P° 38 % PïP°C†C-C°PSC,C-PI P· PïCfCfPïPë PïP°P°C†PµP±Ps C†PïPsCfC,PµCfC-PiP°P»PsCfCÏ PïPsPeCfP°C%oPµPSPSCÏ PSp° C%oPsPSP°PNëPjPµPSCëPµ 50 % P·P°PiP°P»CfPSPsPiPs PïPsPeP°P·PSPëPeP° HAM-A PIC-Pr PïPsC±P°C,PePsPïPsPiPs CfC-PIPSCÏ PrPs PeC-PSC†PµPïPsC— C,PsC±PePë.

PµC-Pr C±P°Cf PePsPSC,CfPpsP»CfPsPïP°PSPëC... PrPsCfP»C-PrP¶PµPSCf PïCfPs PSpµC±C-C,PeC-CfC,Cf P·PsCfCr C±P°CfC,C-CëPµ PïPsPIC-PrPsPjP»CÏP»Pë PïP°C†C-C°PSC,Pë, CÏPeC- P·P°CfC,PsCfPsPICrPïP°P»Pë PïCfPµPiP°P±P°P»C-PS, PïPsCfC-PIPSCÏPSPs P· PïP°C†C-C°PSC,P°PjPë, CÏPeC- PsC,CfPëPjCrPïP°P»Pë PïP°P°C†PµP±Ps. Pj P±C-P»CfCëPsCfC,C- PïPëPïP°PrPeC-PI C†Pµ CÏPïPëC%oPµ P·PSPëPeP°P»Ps PïCfPë PïPsCfC,C-PNëPSPsPjCr P·P°CfC,PsCfCfPïP°PSPSC- PïCfPµPiP°CfP°C,Cr. Pfc,,C,P°P»CfPjPsP»PsPïC-C±PSPµ PsP±CfC,PµP¶PµPSPSCÏ (Cr C,PsPjCr C±PëCfP»C- PïPµCfPµPIC-CfPeP° PïPsCfC,CfPpsC,Pë P·PsCfCr, C,,PsCfPjP°P»CfPSP° PïPµCfPµPIC-CfPeP° PïPsP»C-PI P·PsCfCr C,P° PrPsCfP»C-PrP¶PµPSPSCÏ PsC±PSPsPiPs PrPSP° PïCfPë CfPpsP·CëPëCfPµPSC-PNë P·C-PSPëC†C-) PïCfPsPïPsPrPëP»Pë Cr PïPsPSP°Pr

3600 PIP°CTC-C" PSC, C-PI PiC-Pr C±P°CÍ PePsPSC, CĤPsP»CHPsPIP°PSPëC...
PeP»C-PSC-C±PSPëC... PrPsCÍP»C-PrP¶PµPSCĤ. PŸPµCĤPµPr C†PëC... PiP°CTC-C" PSC, C-PI
PiPsCÍC, CĤPsC, P° P·PsCĤCÍ PiPsPiC-CĤC€PëP»P°CÍCÍ CÍ 6,5 % PiP°CTC-C" PSC, C-PI, CÍPeC-
PsC, CĤPëPjCÍPIP°P»Pë P»C-PeCÍPIP°PSPSCÍ PiCĤPµPiP°P±P°P»C-PSPsPj, C, P° CÍ 4,8 %
PiP°CTC-C" PSC, C-PI P· PiCĤCÍPiPë PiP»P°C†PµP±Ps. P—PjC-PSPë PiPsP»CÍ P·PsCĤCÍ
PIPëCÍPIP»PµPSPs CÍ 12,4 % PiP°CTC-C" PSC, C-PI, CÍPeC- PsC, CĤPëPjCÍPIP°P»Pë
P»C-PeCÍPIP°PSPSCÍ PiCĤPµPiP°P±P°P»C-PSPsPj, C, P° 11,7 % PiP°CTC-C" PSC, C-PI P·
PiCĤCÍPiPë PiP»P°C†PµP±Ps. P—PjC-PSPë PSP° PsC±PSPsPjCÍ PrPSC- PIPëCÍPIP»PµPSPs CÍ 1,7
% PiP°CTC-C" PSC, C-PI, CÍPeC- PiCĤPëPµPjP°P»Pë PiCĤPµPiP°P±P°P»C-PS, C, P° 2,1 %
PiP°CTC-C" PSC, C-PI P· PiCĤCÍPiPë PiP»P°C†PµP±Ps.

вĤ " PαC-P±CĤPsPjC-P°P»PiC-CÍ

P·C,, PµPeC, PëPIPSC-CÍC, CH PiCĤPµPiP°P±P°P»C-PSCÍ P±CÍP»P° PICÍC, P°PSPsPIP»PµPSP° PI
PsPrPSPsPjCÍ 14-C, PëP¶PSPµPiPsPjCÍ PiPsPrPIC-PNëPSPsPjCÍ CÍP»C-PiPsPjCÍ PiP»P°C†PµP±Ps-
PePsPSC, CĤPsP»CHPsPIP°PSPsPjCÍ PjCÍP»CHC, PëC†PµPSC, CĤPsPIPpsPjCÍ
PrPsCÍP»C-PrP¶PµPSPSC- (F1) C, P° PI PsPrPSPsPjCÍ 6-C, PëP¶PSPµPiPsPjCÍ
CĤP°PSPPrPsPjC-P·PsPIP°PSPsPjCÍ PrPsCÍP»C-PrP¶PµPSPSC- PIC-PrPjC-PSPë (F2). Pj C†C-
PrPsCÍP»C-PrP¶PµPSPSCÍ P·P°P»CÍC±P°P»PëCÍCÍ PiP°CTC-C" PSC, Pë P· PrC-P°PiPSPsP·PsPj
B«C,, C-P±CĤPsPjC-P°P»PiC-CÍB» PSP° PsCÍPSPsPIC- PeCĤPëC, PµCĤC-C—PI
PĥPjPµCĤPëPeP°PSCÍCHPePsPiPs PePsP»PµPrP¶CÍ CĤPµPIPjP°C, PsP»PsPiC-C—
(PiPsC€PëCĤPµPSPëPµ P±C-P»CH PiCĤPsC, CÍPiPsPj 3 PjC-CÍCÍC†C-PI PI P°PSP°PjPSPµP·C-
C, P° P±C-P»CH PSP°CÍPIPSPëPµ PI 11 P°P±Ps P±C-P»CHC€Pµ P·
18 CÍPiPµC†PëC,, C-C±PSPëC... P±PsP»CHPsPIPëC... C, PsC±PsPe). P"PsCÍP»C-PrP¶PµPSPSCÍ
PiCĤPsPrPµPjPsPSCÍC, CĤCÍPIP°P»Pë P·PSPëP¶PµPSPSCÍ P±PsP»CĤ P·P°
PIC-P·CÍP°P»CHPSPsCĤ P°PSP°P»PsPiPsPiPsCĤ C€PeP°P»PsCĤ. PµPsPeCĤP°C%PµPSPSCÍ
PrPsPrP°C, PePsPiPs P±CÍP»Ps PiCĤPsPrPµPjPsPSCÍC, CĤPsPIP°PSPs P·P° P·P°PiP°P»CHPSPsCĤ
PsC†C-PSPePsCĤ PiP°CTC-C" PSC, P° C, P° P·P° PsPiPëC, CÍPIP°PSPSCÍPj C%PsPrPs PIPiP»PëPICÍ
C,, C-P±CĤPsPjC-P°P»PiC-C—.

P"C-C, Pë. P·CÍP»Ps PiCĤPsPIPµPrPµPSPµ PiP»P°C†PµP±Ps-PePsPSC, CĤPsP»CHPsPIP°PSPµ
PrPsCÍP»C-PrP¶PµPSPSCÍ C, CĤPëPIP°P»C-CÍC, CĤ 15 C, PëP¶PSC-PI P·P° CÍC±P°CÍC, CĤ
107 PrC-C, PµPµ PIC-PePsPj 12-17 CĤPsPeC-PI C-P· C,, C-P±CĤPsPjC-P°P»PiC-C" CĤ, CÍPeC-
P·P°CÍC, PsCÍPsPICÍPIP°P»Pë PiCĤPµPiP°CĤP°C, PiCĤPµPiP°P±P°P»C-PS CÍ PrPsP·C-

75-450 PjPi PSP° PrPsP±CÍ. P—P° CĤPµP·CÍP»CHC, P°C, P°PjPë PsC†C-PSPePë
PiPµCĤPIPëPSPSPsC— PeC-PSC†PµPiPsC— C, PsC±PePë PµC,, PµPeC, PëPIPSPsCÍC, C- (P·PjC-PSP°
P·P°PiP°P»CHPSPsC— C-PSC, PµPSCÍPëPIPSPsCÍC, C- P±PsP»CĤ PIC-Pr P±P°P·PsPiPsPiPs
CĤC-PIPSCÍ PrPs C, PëP¶PSCÍ 15; CĤPsP·CĤP°C...PsPIP°PSPs P·P° PrPsPiPsPjPsPiPsCĤ 11-
P±P°P»CHPSPsC— C€PeP°P»Pë PsC†C-PSCĤPIP°PSPSCÍ) P±CÍP»Ps
PiCĤPsPrPµPjPsPSCÍC, CĤPsPIP°PSPs C±PëCÍPµP»CHPSPs P±C-P»CHC€Pµ
PiPsPeCĤP°C%PµPSPSCÍ CÍC, P°PSCÍ PiP°CTC-C" PSC, C-PI, CÍPeC-
P·P°CÍC, PsCÍPsPICÍPIP°P»Pë PiCĤPµPiP°P±P°P»C-PS, PiPsCĤC-PIPSCÍPSPs P·
PiP°CTC-C" PSC, P°PjPë, CÍPeC- PiCĤPëPµPjP°P»Pë PiP»P°C†PµP±Ps, P°P»Pµ C†Pµ
PiPsPeCĤP°C%PµPSPSCÍ PSPµ PrPsCÍCÍPiP»Ps CÍC, P°C, PëCÍC, PëC±PSPsC—
P·PSP°C±CÍC%PsCÍC, C-. Pk°PµC±P°CÍC, C-C€PëPjPë PiPsP±C-C±PSPëPjPë
CĤPµP°PeC†C-CÍPjPë, CÍPeC- CÍPiPsCÍC, PµCĤC-PiP°P»PëCÍCÍ CÍ PeP»C-PSC-C±PSPëC...
PrPsCÍP»C-PrP¶PµPSPSCÍC..., P±CÍP»Pë P·P°PiP°PjPsCĤPsC±PµPSPSCÍ, PSCÍPrPsC, P°,
PiPsP»PsPIPSPëPµ P±C-P»CH, P·P±C-P»CHC€PµPSPSCÍ PjP°CÍPë C, C-P»P° C, P°
CÍC, PsPjP»CĤPIP°PSC-CÍC, CH. P—P°PiP°P»CHPSPëPµ PiCĤPsC,, C-P»CH P±PµP·PiPµPePë CÍ
PiC-PrP»C-C, PeC-PI P±CÍPI PiPsPrC-P±PSPëPj PrPs C, P°PePsPiPs CÍ PrPsCĤPsCÍP»PëC... C-P·
C,, C-P±CĤPsPjC-P°P»PiC-C" CĤ.

PαP°CḡPjP°PePsPeC-PSPμC,PëPeP°.

PαP°CḡPjP°PePsPeC-PSPμC,PëC±PSC- PīPsPeP°P·PSPëPePë PīCḡPμPīP°P±P°P»C-PSCr' Cr' CḡC-PIPSPsPIP°P¶PSPsPjCr' Cr' C, P°PSC- P±Cr'P»Pë PīPsPrC-P±PSPëPjPë Cr' P·PrPsCḡPsPIPëC... PrPsP±CḡPsPIP°P»CḡC±C-PI, PīP°C±C-C" PSC,C-PI P· PμPīC-P»PμPīC' C-C" Cḡ, C¶PeC-P·P·C' C, PsC' P PICr' PIP°P»Pë PīCḡPsC,PëPμPīC-P»PμPīC,PëC±PSC- PīCḡPμPīP°CḡP°C,Pë, C,P° PīP°C±C-C" PSC,C-PI P· C...CḡPsPSC-C±PSPëPj P±PsP»PμPj.

PḡP±C'PsCḡP±C±C-C¶.

PμCḡPμPīP°P±P°P»C-PS CëPIPëPrPePs PICr' PjPsPeC,Cr' C,CḡC' C¶ PīCḡPë PīCḡPëPNëPsPjC-PSP°C,C%oPμ C- PrPsC' C¶PīP°C" PjP°PeC' PëPjP°P»CḡPSPëC... PePsPSC±PμPSC,CḡP°C±C-PNë Cr' PīP»P°P·PjC- PeCḡPsPIC- PīCḡPsC,C¶PīPsPj 1 PīPsPrPëPSPë PīC-C' P»C¶ CḡP°P·PsPIP°PīPs C,P° P±P°PīP°C,PsCḡP°P·PsPIP°PīPs P·P°C' C,PsC' Cr' PIP°PSPSC¶. P PsP·CḡP°C...PsPIP°PSP° P±C-PsPrPsC' C,Cr' PīPSC-C' C,Cḡ PīCḡPμPīP°P±P°P»C-PSCr' PīCḡPë PīPμCḡPsCḡP°P»CḡPSPsPjCr' P·P°C' C,PsC' Cr' PIP°PSPSC- C' C,P°PSPsPIPëC,Cḡ 90 % C-P±C-P»CḡCëPμ C,P° PSPμ P·P°P»PμP¶PëC,Cḡ PIC-Pr PrPsP·Pë. PμC-C' P»C¶ P±P°PīP°C,PsCḡP°P·PsPIP°PīPs P·P°C' C,PsC' Cr' PIP°PSPSC¶ CḡC-PIPSPsPIP°P¶PSPëPNë C' C,P°PS PrPsC' C¶PīP°C" C,CḡC' C¶ C±PμCḡPμP.

24-48 PīPsPrPëPS. PëPIPëPrPeC-C' C,Cḡ PICr' PjPsPeC,Cr' PIP°PSPSC¶ PīCḡPμPīP°P±P°P»C-PSCr' P·PSPëP¶C' C,CḡC' C¶ PīCḡPë PsPrPSPsC±P°C' PSPsPjCr' PīCḡPëPNëPsPjC- P· C—P¶PμCḡ, C%oPs PīCḡPëP·PIP°PīPsPëC,Cḡ PrPs P·PjPμPSCëPμPSPSC¶ PjP°PeC' PëPjP°P»CḡPSPsC— PePsPSC±PμPSC,CḡP°C±C-C— (C_{max}) PīCḡPëP±P»PëP·PSPs PSP° 25-30 % C- PīPsPrPsPIP¶PμPSPSC¶ t_{max} PīCḡPëP±P»PëP·PSPs PSP° 2,5 PīPsPrPëPSPë. PḡPrPSP°Pe PīCḡPëPNëPsPj PīCḡPμPīP°P±P°P»C-PSCr' PsPrPSPsC±P°C' PSPs P· C—P¶PμCḡ PSPμ PjP°PI PeP»C-PSC-C±PSPs P·PSP°C±C' C%oPsPīPs PIPiP»PëPICr' PSP° C' C,Cr' PīC-PSCḡ PNëPsPīPs P°P±C' PsCḡP±C±C-C—.

P PsP·PīPsPrC-P».

P"PsPeP»C-PSC-C±PSC- PrPsC' P»C-PrP¶PμPSPSC¶ PīPsPeP°P·P°P»Pë, C%oPs PīCḡPμPīP°P±P°P»C-PS PīCḡPsPSPëPeP°C" PeCḡC-P·Cḡ PīPμPjP°C,PsPμPSC±PμC,,P°P»C-C±PSPëPNë P±P°CḡPḡ™ C" Cḡ Cr' C,PIP°CḡPëPS. PμCḡPμPīP°P±P°P»C-PS C,P°PePsP¶ PīCḡPsPSPëPeP°C" PeCḡC-P·Cḡ PīP»P°C±PμPSC,Cr' Cr' C,PIP°CḡPëPS C- PI PjPsP»PsPePs C,PIP°CḡPëPS Cr' PīPμCḡC-PsPr P»P°PeC,P°C±C-C—. PJ P»CḡPrPëPSPë PIPëPrPëPjPëPNë PsP±Pḡ™ C" Pj CḡPsP·PīPsPrC-P»Cr' PīCḡPμPīP°P±P°P»C-PSCr' PīC-C' P»C¶ PīPμCḡPsCḡP°P»CḡPSPsPīPs P·P°C' C,PsC' Cr' PIP°PSPSC¶ C' C,P°PSPsPIPëC,Cḡ PīCḡPëP±P»PëP·PSPs 0,56 P»/PePī. PμCḡPμPīP°P±P°P»C-PS PSPμ P·PīPḡ™ C¶P·Cr' C,CḡC' C¶ P· P±C-P»PeP°PjPë PīP»P°P·PjPë PeCḡPsPIC-.

PḡPμC,P°P±PsP»C-P·Pj.

PJ P»CḡPrPëPSPë PīCḡPμPīP°P±P°P»C-PS P·P°P·PSP°C" PSPμP·PSP°C±PSPsPīPs PjPμC,P°P±PsP»C-P·PjCr'. PμC-C' P»C¶ PIPIPμPrPμPSPSC¶ PrPsP·Pë CḡP°PrC-PsP°PeC,PëPIPSPs PjC-C±PμPSPsPīPs PīCḡPμPīP°P±P°P»C-PSCr' P±P»PëP·CḡPePs 98 % CḡP°PrC-PsP°PeC,PëPIPSPëC... CḡPμC±PsPIPëPS PIPëPīPsPrPëC,CḡC' C¶ P· C' PμC±PμCḡ Cr' PIPëPīP»C¶PrC- PSPμP·PjC-PSPμPSPsPīPs PīCḡPμPīP°P±P°P»C-PSCr'. N- PjPμC,PëP»CḡPsPIP°PSPëPNë PrPμCḡPëPIP°C, PīCḡPμPīP°P±P°P»C-PSCr' Pḡ" PsC' PSPsPIPSPëPNë PjPμC,P°P±PsP»C-C, PīCḡPμPīP°CḡP°C,Cr', C¶PePëPNë PIPëP·PSP°C±P°PICr' C¶ PīC' PμC±C-, C' C,P°PSPsPIPëPī 0,9 % PIC-Pr PIPIPμPrPμPSPsC— PrPsP·Pë. PμC-Pr C±P°C' PrPsPeP»C-PSC-C±PSPëC... PrPsC' P»C-PrP¶PμPSCḡ

РμРμC±C-PSPePsPIP° PSPμPrPsCÍC, P° C, PSC-CÍC, CH.

РҮРμC±C-P°P»CHPSPeC... PrPsCÍP»C-PrP¶PμPSCн C,,P°CҲPjP°PePsPeC-PSPμC,PePePë P·P° CíC±P°CÍC,CH PíP°C±C-C" PSC,C-PI P· PíPμC±C-PSPePsPIPsCн PSPμPrPsCÍC,P° C,PSC-CÍC,CH PSPμ PíCҲPsPIPsPrPëP»Pë. PhCÍPeC-P»CHPePë PíCҲPμPíP°P±P°P»C-PS PSPμ P·P°P·PSP°C" P·PSP°C±PSPsPiPs PjPμC,P°P±PsP»C-P·PjCí C,P° PIPëPIPsPrPëC,CHCÍC¶ P· CÍPμC±PμCн PíPμCҲPμPIP°P¶PSPs PI PSPμP·PjC-PSPμPSPsPjCí CÍC,P°PSC-, PjP°P»PsPNëPjPsPIC-CҲPSPs, C%°Ps PíPsCҲCíC¶PμPSPSC¶ C,,CíPSPeC±C-C— PíPμC±C-PSPePë PjPsP¶Pμ P·PSP°C±PSPs PIPíP»PëPIP°C,Pë PSP° PePsPSC±PμPSC,CҲP°C±C-C— PíCҲPμPíP°P±P°P»C-PSCí Cí PíP»P°P·PjC- PeCҲPsPIC-.

P" C-C, Pë

PαP°CҲPjP°PePsPeC-PSPμC,PePeCí PíCҲPμPíP°P±P°P»C-PSCí PsC±C-PSCнPIP°P»Pë Cí PrC-C,PμPNë P· PμPíC-P»PμPíCÍC-C" Cн (PIC-PePsPIC- PíCҲCíPíPë: PIC-Pr 1 PrPs 23 PjC-CÍC¶C±C-PI, PIC-Pr 2 PrPs 6 CҲPsPeC-PI, PIC-Pr 7 PrPs 11 CҲPsPeC-PI C- PIC-Pr 12 PrPs 16 CҲPsPeC-PI) PíCҲPë P·P°CÍC,PsCÍCíPIP°PSPSC- PrPsP· 2,5 PjPi/PePi/PrPsP±Cí, 5 PjPi/PePi/PrPsP±Cí, 10 PjPi/PePi/PrPsP±Cí C,P° 15 PjPi/PePi/PrPsP±Cí Cí PíCҲPsC±PμCÍC- PrPsCÍP»C-PrP¶PμPSPSC¶ P· PIPëPIC±PμPSPSC¶ C,,P°CҲPjP°PePsPeC-PSPμC,PePePë C,P° PíPμCҲPμPSPsCÍPëPjPsCÍC,C-.

PμC-CÍP»C¶ PíPμCҲPsCҲP°P»CHPSPsPiPs P·P°CÍC,PsCÍCíPIP°PSPSC¶ PíCҲPμPíP°P±P°P»C-PSCí PrC-C,C¶Pj PSP°C,C%°Pμ C±P°CÍ PrPsCÍC¶PíPSPμPSPSC¶ C_{max} Cí PíP»P°P·PjC- PeCҲPsPIC- P±CíPI Cí C±C-P»PsPjCí P°PSP°P»PsPiC-C±PSPëPj Cí PICÍC-C... PIC-PePsPIPëC... PíCҲCíPíP°C... C- CÍC,P°PSPsPIPëPI PIC-Pr 0,5 PiPsPrPëPSPë PrPs 2 PiPsPrPëPS PíC-CÍP»C¶ PíCҲPëPNëPsPjCí.

P—PSP°C±PμPSPSC¶ C_{max} C- PíP»PsC%°C- PíC-Pr PeCҲPëPIPsCн P·P°P»PμP¶PSPsCÍC,C- PePsPSC±PμPSC,CҲP°C±C-C— PIC-Pr C±P°CÍCí (AUC) PíCҲPμPíP°P±P°P»C-PSCí P·CҲPsCÍC,P°P»Pë P»C-PSC-PNëPSPs P·C- P·P±C-P»CHC¶PμPSPSC¶Pj PrPsP·Pë PI PePsP¶PSC-PNë PIC-PePsPIC-PNë PíCҲCíPíC-. PJ PrC-C,PμPNë P· PjP°CÍPsCн C,C-P»P° PrPs 30 PePi P·PSP°C±PμPSPSC¶ AUC P±CíP»Pë PSPëP¶C±PëPjPë PSP° 30 %, C%°Ps P·CíPjPsPIP»PμPSPs P·P±C-P»CHC¶PμPSPSC¶Pj PSP° 43 % PeP»C-CҲPμPSCÍCí, CÍPePsCҲPëPiPsPIP°PSPsPiPs P·P° PjP°CÍPsCн C,C-P»P°, Cí C±PëC... PíP°C±C-C" PSC,C-PI PíPsCҲC-PIPSC¶PSPs P· PíP°C±C-C" PSC,P°PjPë P· PjP°CÍPsCн C,C-P»P° ≥ 30 PePi.

PлC-PSC±PμPIPëPNë t_{1/2} PíCҲPμPíP°P±P°P»C-PSCí CÍC,P°PSPsPIPëPI Cí CÍPμCҲPμPrPSCнPsPjCí PíCҲPëP±P»PëP·PSPs 3-4 PiPsPrPëPSPë Cí PrC-C,PμPNë PIC-PePsPj PrPs 6 CҲPsPeC-PI C,P° 4-6 PiPsPrPëPS Cí PrC-C,PμPNë PIC-PePsPj PIC-Pr 7 CҲPsPeC-PI.

PJ PíCҲPsC±PμCÍC- PíPsPíCíP»C¶C±C-PNëPSPsPiPs C,,P°CҲPjP°PePsPeC-PSPμC,PëC±PSPsPiPs P°PSP°P»C-P·Cí P±CíP»Ps PíPsPeP°P·P°PSPs, C%°Ps PeP»C-CҲPμPSCÍ PeCҲPμP°C,PëPSC-PSCí P±CíPI P·PSP°C±CíC%°PsCн PePsPIP°CҲC-P°C,PsCн PrP»C¶ PeP»C-CҲPμPSCÍCí PíPμCҲPsCҲP°P»CHPSPsPiPs PíCҲPμPíP°P±P°P»C-PSCí, P° PjP°CÍP° C,C-P»P° P±CíP»P° P·PSP°C±CíC%°PsCн PePsPIP°CҲC-P°C,PsCн PrP»C¶ CíC¶PIPsPiPs PsP±BҲ™ C" PjCí CҲPsP·PíPsPrC-P»Cí PíPμCҲPsCҲP°P»CHPSPsPiPs PíCҲPμPíP°P±P°P»C-PSCí, C- C±PμPNë P·PIBҲ™ C¶P·PsPe P±CíPI P°PSP°P»PsPiC-C±PSPëPj Cí PrC-C,PμPNë C- PrPsCҲPsCÍP»PëC... PíP°C±C-C" PSC,C-PI.

PαP°CҲPjP°PePsPeC-PSPμC,PePeCí PíCҲPμPíP°P±P°P»C-PSCí Cí PíP°C±C-C" PSC,C-PI PIC-PePsPj PrPs 3 PjC-CÍC¶C±C-PI PSPμ PIPëPIC±P°P»Pë (PrPëPI. CҲPsP·PrC-P»Pë B«PαP°CҲPjP°PePsPrPëPSP°PjC-PeP°B», B«PҮPíPsCÍC-P± P·P°CÍC,PsCÍCíPIP°PSPSC¶ C,P°

PrPsP·PëB» C, P° B«PµPsP±C-C±PSC- CḡPµP°PeC†C-C—B»).

PµP°C†C-C”PSC, Pë P»C-C, PSCḡPsPiPs PIC-PeC† (PIC-PePsPj PIC-Pr 65 CḡPsPeC-PI)

PḡP»C-CḡPµPSC† PīCḡPµPiP°P±P°P»C-PSC† PjP°C” C, PµPSPPrPµPSC†C-Cḡ PrPs P·PSPëP¶PµPSPSC† P· PIC-PePsPj. PjPµ P·PSPëP¶PµPSPSC† PeP»C-CḡPµPSC†C† PīCḡPµPiP°P±P°P»C-PSC† PīC-C†P»C† PīPµCḡPsCḡP°P»CḡPSPsPiPs P·P°C†C, PsC†C†PIP°PSPSC† C†P·PiPsPrP¶C†C”C, CḡC†C† P·C- P·PSPëP¶PµPSPSC†Pj PeP»C-CḡPµPSC†C† PeCḡPµP°C, PëPSC-PSC†, PīPsPI’C†P·P°PSPëPj P·C- P·P±C-P»CḡC€PµPSPSC†Pj PIC-PeC†. PµP°C†C-C”PSC, P°Pj C-P PīPsCḡC†C€PµPSPSC†PjPë C,, C†PSPeC†C-C— PSPëCḡPsPe, PīPsPIḡḡ™ C†P·P°PSPëPjPë P· PIC-PePsPj, PjPsP¶Pµ PīPsC, CḡPµP±C†PIP°C, PëC†C† P·PjPµPSC€PµPSPSC† PrPsP·Pë PīCḡPµPiP°P±P°P»C-PSC† (PrPëPI. CḡPsP·PrC-P» B«PŸPīPsC†C-P± P·P°C†C, PsC†C†PIP°PSPSC† C, P° PrPsP·PëB», C, P°P±P»PëC†C†).

PµPµCḡC-PsPr PīPsPrC†PIP°PSPSC† PīCḡC†PrPrCḡ

PαP°CḡPjP°PePsPeC-PSPµC, PëPeC† PīCḡPµPiP°P±P°P»C-PSC† PīCḡPë PµPsPiPs P·P°C†C, PsC†C†PIP°PSPSC- PI PrPsP·C- 150 PjPi PePsP¶PSC- 12 PīPsPrPëPS (PrPsP±PsPIP° PrPsP·P° 300 PjPi) PsC†C-PSCḡPIP°P»Pë C† 10 P¶C-PSPsPe, C†PeC- PīPsPrC†PIP°P»Pë PīCḡC†PrPrCḡ, C%PsPSP°PµPjPµPSC€Pµ C†PµCḡPµP· 12 C, PëP¶PSC-PI PīC-C†P»C† PīPsP»PsPiC-PI. P”PsPrC†PIP°PSPSC† PīCḡC†PrPrCḡ PSPµ PIPiP»PëPIP°P»Ps P°P±Ps PjP°P»Ps PSPµP·PSP°C†PSPëPµ PIPiP»PëPI PSP° C,, P°CḡPjP°PePsPeC-PSPµC, PëPeC† PīCḡPµPiP°P±P°P»C-PSC†. PµCḡPµPiP°P±P°P»C-PS PīPsC, CḡP°PīP»C†PI C† PīCḡC†PrPSPµ PjPsP»PsPePs, PīCḡPë C†CḡPsPjC† PµPsPiPs C†PµCḡPµPrPSC- PePsPSC†PµPSC, CḡP°C†C-C— PI CḡC-PIPSPsPIP°P¶PSPsPjC† C†C, P°PSC- C†C, P°PSPsPIPëP»Pë PīCḡPëP±P»PëP·PSPs 76 % PIC-Pr PePsPSC†PµPSC, CḡP°C†C-Pµ C† PīP»P°P·PjC- PeCḡPsPIC- PjP°C, PµCḡC-. P PsP·CḡP°C...PsPIP°PSP° PrPsP·P°, C†PeC† PsC, CḡPëPjC†C” PSPµPjPsPIP»C† P· PīCḡC†PrPSPëPj PjPsP»PsPePsPj (PīCḡPë C†PµCḡPµPrPSCḡPsPjC† C†PīPsP¶PëPIP°PSPSC- PjPsP»PsPeP° 150 PjP»/PePi/PrPsP±C†) PIC-Pr P¶C-PSPePë, C†PeP° PīCḡPëPµPjP°C” PīCḡPµPiP°P±P°P»C-PS C† PrPsP·C- 300 PjPi PSP° PrPsP±C† P°P±Ps C† PjP°PeC†PëPjP°P»CḡPSC-Pµ PrPsP·C- 600 PjPi PSP° PrPsP±C†, C†C, P°PSPsPIPëC, Cḡ 0,31 P°P±Ps 0,62 PjPi/PePi/PrPsP±C† PIC-PrPīPsPIC-PrPSPs. PjC- CḡPsP·CḡP°C...PsPIP°PSC- PrPsP·Pë C†C, P°PSPsPIP»C†C, Cḡ PīCḡPëP±P»PëP·PSPs 7 % PIC-Pr P·P°PiP°P»CḡPSPsC— PrPsP±PsPIPsC— PrPsP·Pë PjP°C, PµCḡC- C† PīPµCḡPµCḡP°C...C†PIP°PSPSC- PSP° PjC-P»C-PīCḡP°Pj PSP° PeC-P»PsPīCḡP°Pj.

PḡP»C-PSC-C±PSC- C...P°CḡP°PeC, PµCḡPëC†C, PëPePë.

PµPsPeP°P·P°PSPSC†.

PkPµPµCḡPµPiP°C, PëC†PSPëPµ P±C-P»Cḡ.

PµCḡPµPiP°CḡP°C, PµCḡPµPiP°PrPsP» PīPsPeP°P·P°PSPëPµ PrP»C† P»C-PeC†PIP°PSPSC† PSPµPµCḡPsPiP°C, PëC†PSPsPiPs P±PsP»Cḡ PīPµCḡPëC,, PµCḡPëC†PSPsPiPs P°P±Ps C†PµPSC, CḡP°P»CḡPSPsPiPs PīPsC...PsPrP¶PµPSPSC† C† PrPsCḡPsC†P»PëC....

P·PīC-P»PµPīC†C-C†.

PµCḡPµPiP°CḡP°C, PµCḡPµPiP°PrPsP» PīPsPeP°P·P°PSPëPµ PrPsCḡPsC†P»PëPj C†Pe PrPsPrP°C, PePsPIPµ P»C-PeC†PIP°PSPSC† PīCḡPë PīP°CḡC†C-P°P»CḡPSPëC...

CÍCfPrPsPjPSPëC... PSP°PïP°PrP°C... C-P· PIC,PsCĤPëPSPSPsCĤ
PiPµPSPµCĤP°P»C-P·P°C†C-C"Ĥ P°P±Ps P±PµP· PSPµC—.

P"µPSPµCĤP°P»C-P·PsPIP°PSPëPNë C,CĤPëPIPsP¶PSPëPNë CĤPsP·P»P°Pr.

PµCĤPµPïP°CĤP°C, PµCĤPµPïP°PrPsP» PïPsPeP°P·P°PSPëPNë PrP»CĬ P»C-PeCfPIP°PSPSCĬ
PiPµPSPµCĤP°P»C-P·PsPIP°PSPsPiPs C,CĤPëPIPsP¶PSPsPiPs CĤPsP·P»P°PrCf Cí
PrPsCĤPsCĬP»PëC....

PαC-P±CĤPsPjC-P°P»PiC-CĬ.

PµCĤPsC, PëPïPsPeP°P·P°PSPSCĬ.

PµC-PrPIPëC%oPµPSP° C†CfC,P»PëPIC-CÍC,CĤ PrPs PrC-CĤC†PsC— CĤPµC†PsPIPëPSPë P°P±Ps
P±CfPrCĤ-CĬPePsC— P· PrPsPïPsPjC-P¶PSPëC... CĤPµC†PsPIPëPS.

**P°P·P°C" PjPsPrC-CĬ P· C-PSCëPëPjPë P»C-PeP°CĤCÍCĤPePëPjPë P·P°CÍPsP±P°PjPë C,P°
C-PSCëC- PIPëPrPë PIP·P°C" PjPsPrC-PNë.**

PµCĤPµPïP°P±P°P»C-PS PïPµCĤPµPIP°P¶PSPs PµPeCÍPeCĤPµC,CfC"C,CĤCÍCĬ PI
PSPµP·PjC-PSPµPSPsPjCf PIPëPiP»CĬPrC- P· CÍPµC†PµCĤ, P·P°P·PSP°C" PSPµP·PSP°C†PSPsPiPs
PjPµC,P°P±PsP»C-P·PjCf PI PsCĤPïP°PSC-P·PjC- P»CĤPrPëPSPë (PjPµPSCëPµ 2 % PrPsP·Pë
PIPëPrC-P»CĬC"C,CĤCÍCĬ C-P· CÍPµC†PµCĤ Cí PIPëPiP»CĬPrC- PjPµC,P°P±PsP»C-C,C-PI),
PSPµ C-PSPiC-P±CfC" in vitro PjPµC,P°P±PsP»C-P·Pj C-PSCëPëC... PïCĤPµPïP°CĤP°C,C-PI C-
PSPµ P·PiBĤ™ CĬP·CfC"C,CĤCÍCĬ P· P±C-P»PeP°PjPë PïP»P°P·PjPë PeCĤPsPIC-, C,PsPjCf
PjP°P»PsPNëPjPsPIC-CĤPSPs, C%oPs PïCĤPµPïP°P±P°P»C-PS PjPsP¶Pµ CÍPïCĤPëC†PëPSCĬC,Pë
C,,P°CĤPjP°PePsPeC-PSPµC,PëC†PSCf PIP·P°C" PjPsPrC-CĤ P°P±Ps P±CfC,Pë
PsP±BĤ™ C"PeC,PsPj C,P°PePsC— PIP·P°C" PjPsPrC-C—.

P"PsCÍP»C-PrP¶PµPSPSCĬ in vivo C,P° PïPsPïC¿P»CĬC†C-PNëPSPëPNë
C,,P°CĤPjP°PePsPeC-PSPµC,PëC†PSPëPNë P°PSP°P»C-P·.

Pj PrPsCÍP»C-PrP¶PµPSPSCĬC... in vivo PSPµ CÍPïPsCÍC,PµCĤC-PiP°P»Pë PeP»C-PSC-C†PSPs
P·PSP°C†CfC%oPsC— C,,P°CĤPjP°PePsPeC-PSPµC,PëC†PSPsC— PIP·P°C" PjPsPrC-C— PjC-P¶
PïCĤPµPïP°P±P°P»C-PSPsPj C- C,,PµPSC-C,PsC—PSPsPj, PeP°CĤP±P°PjP°P·PµPïC-PSPsPj,
PIP°P»CĤPïCĤPsC" PIPsCĤ PePëCÍP»PsC,PsCĤ, P»P°PjPsC,CĤPëPrP¶PëPSPsPj,
PiP°P±P°PïPµPSC,PëPSPsPj, P»PsCĤP°P·PµPïP°PjPsPj, PsPeCÍPëPePsPrPsPSPsPj C,P°
PµC,P°PSPsP»PsPj. PµPsPïCfP»CĬC†C-PNëPSPëPNë C,,P°CĤPjP°PePsPeC-PSPµC,PëC†PSPëPNë
P°PSP°P»C-P· PïPsPeP°P·P°PI, C%oPs PïPµCĤPsCĤP°P»CĤPSC-
PïCĤPsC,PëPrC-P°P±PµC,PëC†PSC- P·P°CÍPsP±Pë, PrC-CfCĤPµC,PëPePë, C-PSCÍCfP»C-PS,
C,,PµPSPsP±P°CĤP±C-C,P°P», C,C-P°PiP°P±C-PS C,P° C,PsPïC-CĤP°PjP°C, PSPµ PjP°CĤC,CĤ
PeP»C-PSC-C†PSPs P·PSP°C†CfC%oPsPiPs PIPïP»PëPICf PSP° PeP»C-CĤPµPSCÍ
PïCĤPµPïP°P±P°P»C-PSCf.

PµPµCĤPsCĤP°P»CĤPSC- PePsPSC,CĤP°C†PµPïC,PëPIPë, PSPsCĤPµC,PëCÍC,PµCĤPsPS
C,P°/P°P±Ps PµC,PëPSC-P»PµCÍC,CĤP°PrC-PsP».

PhPrPSPsC±P°CÍPSPµ P·P°CÍC,PsCÍCfPIP°PSPSCÍ PíCḡPµPiP°P±P°P»C-PSCf P·
PíPµCḡPsCḡP°P»CHPSPëPjPë PePsPSC,CḡP°C†PµPíC,PëPIP°PjPë,
PSPsCḡPµC,PëCÍC,PµCḡPsPSPsPj C,P°/P°P±Ps PµC,PëPSC-P»PµCÍC,CḡP°PrC-PsP»PsPj PSPµ
PIPíP»PëPIP°C” PSP° C,,P°CḡPjP°PePsPeC-PSPµC,PëPeCf CḡC-PIPSPsPIP°P¶PSPsPiPs
CÍC,P°PSCf P¶PsPrPSPsPiPs P· PíCḡPµPiP°CḡP°C,C-PI.

P>C-PeP°CḡCÍCHPeC- P·P°CÍPsP±Pë, C%Ps PIPíP»PëPIP°CḡC,CH PSP° PíPíPŸ.

PµCḡPµPiP°P±P°P»C-PS PjPsP¶Pµ PíPsCÍPëP»PëC,Pë PrC-CH PµC,P°PSPsP»Cf C,P°
P»PsCḡP°P·PµPíP°PjCf. Pj PePsPSC,CḡPsP»CHPSPiP°PSPëC... PeP»C-PSC-C†PSPëC...
PrPsCÍP»C-PrP¶PµPSPSCÍC... PsPrPSPsC±P°CÍPSPµ PIPiPµPrPµPSPSCÍ
P±P°PiP°C,PsCḡP°P·PsPIPëC... PíPµCḡPsCḡP°P»CHPSPëC... PrPsP· PíCḡPµPiP°P±P°P»C-PSCf P·
PsPeCÍPëPePsPrPsPSPsPj, P»PsCḡP°P·PµPíP°PjPsPj P°P±Ps PµC,P°PSPsP»PsPj PSPµ
CÍPíCḡPëC†PëPSCÍP»Ps PeP»C-PSC-C†PSPs P·PSP°C†CfC%PsPiPs PIPíP»PëPICf PSP°
C,,CfPSPeC†C-CH PrPëC...P°PSPSCÍ. PµC-CÍP»CÍ PIPëC...PsPrCf PíCḡPµPiP°CḡP°C,Cf PSP°
CḡPëPSPsPe PíPsPIC-PrPsPjP»CÍP»Pë PíCḡPs PIPëPSPëPePSPµPSPSCÍ PrPëC...P°P»CHPSPsC—
PSPµPrPsCÍC,P°C,PSPsCÍC,C- C,P° PePsPjPë Cf PíP°C†C-C”PSC,C-PI, CÍPeC-
PíCḡPëPµPjP°P»Pë PíCḡPµPiP°P±P°P»C-PS CḡP°P·PsPj P· C-PSCëPëPjPë
P»C-PeP°CḡCÍCHPePëPjPë P·P°CÍPsP±P°PjPë, C%Ps PíCḡPëPiPSC-C†CfCḡC,CH
C,,CfPSPeC†C-CH C†PµPSC,CḡP°P»CHPSPsC— PSPµCḡPIPsPIPsC— CÍPëCÍC,PµPjPë.
PµCḡPµPiP°P±P°P»C-PS, C-PjPsPIC-CḡPSPs, PíPsCÍPëP»CḡC” PíPsCḡCfC¶PµPSPSCÍ
PePsPiPSC-C,PëPIPSPëC... C,P° PsCÍPSPsPIPsPëC... CḡCfC...PsPIPëC... C,,CfPSPeC†C-PNë,
CÍPíCḡPëC†PëPSPµPSPëC... P·P°CÍC,PsCÍCfPIP°PSPSCÍPj PsPeCÍPëPePsPrPsPSCf.

PµP°C†C-C”PSC,Pë P»C-C,PSCHPsPiPs PIC-PeCé.

PŸPíPµC†C-P°P»CHPSPëC... PrPsCÍP»C-PrP¶PµPSCH C,,P°CḡPjP°PePsPrPëPSP°PjC-C†PSPsC—
PIP·P°C”PjPsPrC-C— P·P° CfC†P°CÍC,Cḡ PrPsP±CḡPsPIPsP»CHC†C-PI P»C-C,PSCHPsPiPs
PIC-PeCf PSPµ PíCḡPsPIPsPrPëP»Pë. P”PsCÍP»C-PrP¶PµPSPSCÍ PIP·P°C”PjPsPrC-C—
PíCḡPsPIPsPrPëP»Pë P»PëC¶Pµ CÍC,PsCÍPsPIPs PrPsCḡP»PëC....

PhCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PsCÍCáPIP°PSPSCÍ.

PµP°C†C-C”PSC,Pë P· C†CáPeCḡPsPIPëPj PrC-P°P±PµC,PsPj

P”PµCÍPeC- PíP°C†C-C”PSC,Pë P· C†CfPeCḡPsPIPëPj PrC-P°P±PµC,PsPj, PjP°CÍP° C,C-P»P°
CÍPePëC... P·P±C-P»CHCëPëP»P°CÍCÍ PíC-Pr C†P°CÍ C,PµCḡP°PíC-C—
PíCḡPµPiP°P±P°P»C-PSPsPj, PjPsP¶CfC,Cḡ PíPsC,CḡPµP±CfPIP°C,Pë PePsCḡPµPeC†C-C—
PrPsP·Pë C†CfPeCḡPsP·PSPëP¶CfPIP°P»CHPSPëC... P»C-PeP°CḡCÍCHPePëC... P·P°CÍPsP±C-PI.

P PµP°PeC†C-C— PiC-PíPµCḡC†CéC,P»PëPIPsCÍC,C-.

PµPsPIC-PrPsPjP»CÍP»Pë PíCḡPs CḡPsP·PIPëC,PsPe CḡPµP°PeC†C-PNë
PiC-PíPµCḡC†CfC,P»PëPIPsCÍC,C-, P-PsPeCḡPµPjP° P°PSPiC-PsPSPµPICḡPsC,PëC†PSPsPiPs
PSP°P±CḡCÍPeCf. PµCḡPë PíPsCÍPIC- C,P°PePëC... CÍPëPjPíC,PsPjC-PI
P°PSPiC-PsPSPµPICḡPsC,PëC†PSPsPiPs PSP°P±CḡCÍPeCf CÍPe PSP°P±CḡCÍPe
PsP±P»PëC†C†CÍ, PíPµCḡC-PsCḡP°P»CHPSPëPNë PSP°P±CḡCÍPe P°P±Ps PSP°P±CḡCÍPe
PIPµCḡC...PSC-C... PrPëC...P°P»CHPSPëC... C¶P»CÍC...C-PI CÍP»C-Pr PSPµPiP°PNëPSPs
PíCḡPëPíPëPSPëC,Pë P·P°CÍC,PsCÍCfPIP°PSPSCÍ PíCḡPµPiP°P±P°P»C-PSCf.

PŸCÍP¶PeC- C¶PeC-CḡPSC- PíPsP±C-C†PSC- CḡPµP°PeC†C-C— (P’PëPµP)

РиС-Рr С±P°CГ P»C-РeCрPIP°PSPSCЦPj PиCтPμPиP°P±P°P»C-PSPsPj CтC-РrPеPs
PиPsPIC-РrPsPjP»CЦP»PsCГCЦ PиCтPs P'PЕPμP , PIPeP»CтC±P°CтC±Pе CГPеPSPrCтPsPj
PŸC,C-PIPμPSCГP° вт" P"PPsPSCГPsPSP° (PŸPŸ") C- C,PsPeCГPеC±PSPeP№
PμPиC-РrPμCтPjP°P»CтPSPeP№ PSPμPеCтPsP»C-Р· (PŸP·Pк), CЦPеC- PjPsPГCрC,CH
P·P°PиCтPsPГCрPIP°C,Pe PГPеC,C,CH P°P±Ps P±CрC,Pe P»PμC,P°P»CтPSPePjPе. PJ CтP°P·C-
PиCтPеP·PSP°C±PμPSPSCЦ PиCтPμPиP°P±P°P»C-PSCр CГP»C-Рr
PиCтPsC-PSC,,PsCтPjCрPIP°C,Pe PиP°CтC-C"PSC,C-PI PиCтPs C,P°PеC- PsP·PSP°PеPе C,P°
CГPеPjPиC,PsPjPе C,P° CрPIP°PГPSPs CГC,PμPГPеC,Pe P·P° C—C...PSC-Pj CГC,P°PSPsPj
B C%PsPrPs PIPePSPePSPμPSPSCЦ C€PеC-CтPSPeC... CтPμP°PеCтC-P№. PИPеC%Ps
P·вт™ CЦPIP»CЦCтC,CHCГCЦ PsP·PSP°PеPе C,P° CГPеPjPиC,PsPjPе, C%Ps PIPeP°P·CрCтC,CH
PSP° CтC- CтPμP°PеCтC-C—, CГP»C-Рr PSPμPиP°P№PSPs PиCтPеPиPеPSPeC,Pe PиCтPеP№PsPj
PиCтPμPиP°P±P°P»C-PSCр C,P° CтPsP·PиP»CЦPSCрC,Pe P°P»CHC,PμCтPSP°C,PePIPSPμ
P»C-РeCрPIP°PSPSCЦ (Cр CтP°P·C- PSPμPsP±C...C-РrPSPsCГC,C-).

P—P°PиP°PjPsCтPsC±PμPSPSCЦ, CГPsPSP»PеPIC-CГC,CH, PIC,CтP°C,P° CГPIC-РrPsPjPsCГC,C-,
CГPiP»CзC,P°PSC-CГC,CH CГPIC-РrPsPjPsCГC,C- C,P° PиPsCтCзC€PμPSPSCЦ PиCГPеC...C-PePе

P—P°CГC,PsCГCрPIP°PSPSCЦ PиCтPμPиP°P±P°P»C-PSCр CГCрPиCтPsPIPsPrPГCрPIP°P»PsCГCЦ
PиPsCЦPIPsCт P·P°PиP°PjPsCтPsC±PμPSPSCЦ C,P° CГPsPSP»PеPIPsCГC,C-, C%Ps PjPsPГPμ
P·P±C-P»CHC€PеC,Pe CтPеP·PеPе PIPePSPePSPμPSPSCЦ C,CтP°PIPjP°C,PeC±PSPeC...
PIPePиP°PrPеC-PI (PиP°PrC-PSPSCЦ) Cр PиP°CтC-C"PSC,C-PI P»C-C,PSCHPsPiPs PIC-PeCр.

PμPsPIC-РrPsPjP»CЦP»Pе PиCтPs PIPePиP°PrPеPе PIC,CтP°C,Pe CГPIC-РrPsPjPsCГC,C-,
CГPiP»CрC,P°PSPsCГC,C- CГPIC-РrPsPjPsCГC,C-, PиPsPiC-CтC€PμPSPSCЦ CтPsP·CрPjPsPIPsC—
PrC-CЦP»CHPSPsCГC,C- C,P° PеPsPiPSC-C,PePIPSPeC... C,,CрPSPeCтC-P№. PŸPsPjCр
PиP°CтC-C"PSC,C-PI CГP»C-Рr PиPsPиPμCтPμPrPеC,Pe, C%PsP± PIPsPSPe
PиCтPsCЦPIP»CЦP»Pе PsP±PμCтPμPГPSC-CГC,CH, PиPsPеPе PSPμ
PsP·PSP°P№PsPjP»CЦC,CHCГCЦ P· PиPsC,PμPSCтC-P№PSPsCт PrC-C"CH
P»C-РeP°CтCГCтPеPsPiPs P·P°CГPsP±Cр.

P PsP·P»P°PrPе P·PsCтCз

PμC-Рr С±P°CГ PеPsPSC,CтPsP»CHPsPIP°PSPeC... PrPsCГP»C-РrPГPμPSPSCH
PSPμC±C-C,PeC-CГC,CH P·PsCтCр C±P°CГC,C-C€Pμ CГPиPsCГC,PμCтC-PиP°P»P°CГCЦ Cр
PиP°CтC-C"PSC,C-PI, CЦPеC- PиCтPеP№PjP°P»Pе PиCтPμPиP°P±P°P»C-PS, PSC-PГ Cр
PиP°CтC-C"PSC,C-PI, CЦPеC- PsC,CтPеPjCрPIP°P»Pе PиP»P°CтPμP±Ps. PJ P±C-P»CHC€PsCГC,C-
PIPePиP°PrPеC-PI CтPμ CЦPIPeC%Pμ P·PSPePеP°P»Ps PиCтPе PиCтPsPrPsPIPГPμPSPSC-
C,PμCтP°PиC-C—. PJ PеP»C-PSC-C±PSPeC... PrPsCГP»C-РrPГPμPSPSCЦC..., PI CЦPеPеC...
PиCтPsPIPsPrPеP»Pе PsC,,C,P°P»CHPjPsP»PsPiC-C±PSPμ PsP±CГC,PμPГPμPSPSCЦ,
C±P°CГC,PsC,P° PIPePиP°PrPеC-PI P·PSPePГPμPSPSCЦ PиPsCГC,CтPsC,Pe P·PsCтCр C,P°
P·PjC-PSPe PиPsP»CЦ P·PsCтCр P±CрP»P° PIPeC%PsCт Cр PиP°CтC-C"PSC,C-PI, CЦPеC-
P·P°CГC,PsCГCрPIP°P»Pе PиCтPμPиP°P±P°P»C-PS, PиPsCтC-PIPSCЦPSPs P·
PиP°CтC-C"PSC,P°PjPе P· PиCтCрPиPе PиP»P°CтPμP±Ps; C±P°CГC,PsC,P°
C,,CрPSPrPsCГPеPsPiC-C±PSPeC... P·PjC-PS P±CрP»P° PIPeC%PsCт Cр PиP°CтC-C"PSC,C-PI,
CЦPеC- PsC,CтPеPjCрPIP°P»Pе PиP»P°CтPμP±Ps (PrPеPI. CтPsP·PrC-P»
B«PαP°CтPjP°PеPsPrPеPSP°PjC-PeP°B»).

PμPsPIC-РrPsPjP»CЦP»Pе PиCтPs PиPsP±C-C±PSC- CтPμP°PеCтC-C— P· P±PsPеCр
PsCтPиP°PSC-PI P·PsCтCр, P·PsPеCтPμPjP° PIC,CтP°C,Cр P·PsCтCр, PSPμC±C-C,PeC-CГC,CH
P·PsCтCр P°P±Ps C-PSC€C- P·PjC-PSPe PиPsCГC,CтPsC,Pe P·PsCтCр, P±P°PиP°C,Ps P·
CЦPеPеC... P±CрP»Pе C,PePjC±P°CГPsPIPеPjPе. PμCтPеPиPеPSPμPSPSCЦ
P·P°CГC,PsCГCрPIP°PSPSCЦ PиCтPμPиP°P±P°P»C-PSCр PjPsPГPμ PиCтPеP·PIPμCГC,Pe PrPs

P·PSPëPePSPµPSPSCŪ P°P±Ps P·PjPµPSC€PµPSPSCŪ C†PëC... CŹPëPjPïC,PsPjC-PI P· P±PsPeCŹ
PsCŹPïP°PSC-PI P·PsCŹCŹ.

PŹPëCŹPëPsPIP° PSPµPrPsCŹC,P°C,PSC-CŹC,CH

PµPsPIC-PrPsPjP»CŹP»Pë PïCŹPs PIPëPïP°PrPePë CŹPsP·PIPëC,PeCŹ PSPëCŹPëPsPIPSc—
PSPµPrPsCŹC,P°C,PSPScŹC,C-, CŹPeP° C-PSPsPrC- P±CŹP»P° PsP±PsCŹPsC,PSPScŹ
PïC-CŹP»CŹ PïCŹPëPïPëPSPµPSPSCŪ PïCŹPëPµPsPjCŹ PïCŹPµPïP°P±P°P»C-PSCŹ.

P' C-PrPjC-PSP° CŹCŹPïCŹC,PSC-C... PïCŹPsC,PëPµPïC-P»PµPïC,PëC±PSPëC...
P»C-PeP°CŹCŹCHPePëC... P·P°CŹPsP±C-PI

PŹP°CŹP°P·C- PSPµPrPsCŹC,P°C,PSCHPs PrP°PSPëC... C°PsPrPs PIC-PrPjC-PSPë
CŹCŹPïCŹC,PSC-C... PïCŹPsC,PëPµPïC-P»PµPïC,PëC±PSPëC... PïCŹPµPïP°CŹP°C,C-PI PïC-CŹP»CŹ
PrPsCŹCŹPïPSPµPSPSCŪ PePsPSC,CŹPsP»CŹ PSP°Pr CŹCŹPrPsPjP°PjPë PI
CŹPµP·CŹP»CHC,P°C,C- PrPsPrP°PIP°PSPSCŪ PïCŹPµPïP°P±P°P»C-PSCŹ PrPs
P»C-PeCŹPIP°PSPSCŪ, C°Ps PIP¶Pµ PïCŹPsPIPsPrPëC,CHCŹCŹ, P·P°PrP»CŹ
PïPµCŹPµC...PsPrCŹ PSP° PjPsPSPSc,PµCŹP°PïC-CŹ PïCŹPµPïP°P±P°P»C-PSPsPj.

P—P°CŹC,C-PM°PSP° CŹPµCŹC†PµPIP° PSPµPrPsCŹC,P°C,PSC-CŹC,CH

P—P°C,,C-PeCŹPsPIP°PSPs P·P°CŹC,C-PM°PSCŹ CŹPµCŹC†PµPICŹ PSPµPrPsCŹC,P°C,PSC-CŹC,CH
CŹ PrPµCŹPePëC... PïP°C†C-C" PSC,C-PI, CŹPeC- PïCŹPëPµPjP°P»Pë PïCŹPµPïP°P±P°P»C-PS.
PŹP°PeP° CŹPµP°PeC†C-CŹ CŹPïPsCŹC,PµCŹC-PïP°P»P°CŹCŹ P·PrPµP±C-P»CHC€PsPiPs PïC-Pr
C±P°CŹ P»C-PeCŹPIP°PSPSCŪ PïCŹPµPïP°P±P°P»C-PSPsPj PSPµPM°CŹPsPïP°C,PëC±PSPsPiPs
P±PsP»CŹ CŹ PïP°C†C-C" PSC,C-PI P»C-C,PSCHPsPiPs PIC-PeCŹ P· PSP°CŹPIPSPëPjPë
CŹPµCŹC†PµPIPs-CŹCŹPrPëPSPSPëPjPë PïPsCŹCŹC€PµPSPSCŹPjPë. PŹP»C-Pr P·
PsP±PµCŹPµP¶PSC-CŹC,CŹ P·P°CŹC,PsCŹPsPICŹPIP°C,Pë PïCŹPµPïP°P±P°P»C-PS C,P°PePëPj
PïP°C†C-C" PSC,P°Pj. PµCŹPë PïCŹPëPïPëPSPµPSPSC- P·P°CŹC,PsCŹCŹPIP°PSPSCŪ
PïCŹPµPïP°P±P°P»C-PSCŹ C†Pµ CŹPIPëC°Pµ PjPsP¶Pµ P·PSPëPePSCŹC,Pë.

P>C-PeCŹPIP°PSPSCŪ PSPµPICŹPsPïP°C,PëC±PSPsPiPs P±PsP»CŹ C†PµPSC,CŹP°P»CHPSPsPiPs
PïPsC...PsPrP¶PµPSPSCŪ PIPSP°CŹP»C-PrPsPe CŹC€PePsPrP¶PµPSPSCŪ CŹPïPëPSPSPsPiPs
PjPsP·PeCŹ.

PµC-Pr C±P°CŹ P»C-PeCŹPIP°PSPSCŪ PSPµPICŹPsPïP°C,PëC±PSPsPiPs P±PsP»CŹ
C†PµPSC,CŹP°P»CHPSPsPiPs PïPsC...PsPrP¶PµPSPSCŪ PIPSP°CŹP»C-PrPsPe
CŹC€PePsPrP¶PµPSPSCŪ CŹPïPëPSPSPsPiPs PjPsP·PeCŹ C±P°CŹC,PsC,P°
PIPëPSPëPePSPµPSPSCŪ PïPsP±C-C±PSPëC... CŹPµP°PeC†C-PM° P·P°PïP°P»PsPj,
PïPsP±C-C±PSPëC... CŹPµP°PeC†C-PM° P· P±PsPeCŹ C†PµPSC,CŹP°P»CHPSPSc—
PSPµCŹPIPsPIPs— CŹPëCŹC,PµPjPë C,P° PsCŹPsP±P»PëPIPs CŹPsPSP»PëPIPsCŹC,C- P±CŹP»P°
PïC-PrPIPëC°PµPSPScŹ. PïPµ PjPsP¶Pµ P±CŹC,Pë PïPsPïBŹ™ CŹP·P°PSPs P·
P°PrPëC,PëPIPSPScŹ PrC-C" CŹ CŹCŹPïCŹC,PSC-C... P»C-PeP°CŹCŹCHPePëC... P·P°CŹPsP±C-PI
(PSP°PïCŹPëPeP»P°Pr P°PSC,PëCŹPïP°CŹC,PëC±PSPëC... PïCŹPµPïP°CŹP°C,C-PI),
PSPµPsP±C...C-PrPSPëC... PrP»CŹ P»C-PeCŹPIP°PSPSCŪ C†CHPsPiPs CŹC,P°PSCŹ. PïC-
PrP°PSC- CŹP»C-Pr PICŹP°C...PsPICŹPIP°C,Pë, PïCŹPëP·PSP°C±P°CŹC±Pë
PïCŹPµPïP°P±P°P»C-PS C,P°PePëPj PïP°C†C-C" PSC,P°Pj.

PµCŹPëPïPSC-C±PµPSPSCŪ PrPëC...P°PSPSCŪ

PµPsPIC-PrPsPjP»CŹP»Pë PïCŹPs C,CŹP¶PePµ PïCŹPëPïPSC-C±PµPSPSCŪ C,,CŹPSPeC†C-C—

PrPëC...P°PSPSCЦ, PiPsPiBh™ CЦP·P°PSPµ P· P»C-PeCfPIP°PSPSCЦPj
PiCtjPµPiP°P±P°P»C-PSPsPj. PµP°C†C-C"psc,Pë P· PiPsCtjCfCεPµPSPSCЦPjPë
PrPëC...P°PSPSCЦ, P·P°C...PIPScTjCtjPIP°PSPSCЦPjPë PrPëC...P°P»CHbPSPsC— P°P±Ps
C†PµPSC,CtjP°P»CHbPSPsC— PSPµCtjPIPSPsC— C†PëC†C,CµPjPë, PSPëCtjPsPe, P°P±Ps
C,P°PeC-, CЦPeC- PiCtjPëPµPjP°CtjC,Ch C-PSCεC- P»C-PeP°CtjC†CtjPeC- P·P°C†PsP±Pë,
CЦPeC- PiCtjPëPiPSC-C†C†CtjC,Ch C„C†PSPeC†C-C— P†PkPÿ, P°P±Ps PiP°C†C-C"psc,Pë
P»C-C,PSCtjPsPiPs PIC-PeC† PjPsP¶C†C,Ch PjP°C,Pë PIPëC%PëPµ CtjPëP·PëPe
CtjPsP·PIPëC,PeC† C†C-C" C— C,CЦP¶PePsC— PiPsP±C-C†PSPsC— CtjPµP°PeC†C-C—. Pj
PiP°C†C-C"psc,C-PI C†C-C" C— PiCtjC†PiPë PjPsP¶Pµ P±C†C,Pë PSPµPsP±C...C-PrPSPëPj
PePsCtjPµPeC†C-CЦ PrPsP·Pë.

ŸCzC—C†PëPrP°P»CHbPSPµ PjPëC†P»PµPSPSCЦ C,P° PiPsPIPµPrC-PSPeP°.

PµPsPIC-PrPsPjP»CЦP»Pë PiCtjPs PIPëPiP°PrPePë C†C†C—C†PëPrP°P»CHbPSPsPiPs
PjPëC†P»PµPSPSCЦ C,P° PiPsPIPµPrC-PSPePë C† PiP°C†C-C"psc,C-PI, CЦPeC-
PsC,CtjPëPjC†PIP°P»Pë P»C-PeC†PIP°PSPSCЦ PiCtjPsC,PëPµPiC-P»PµPiC,PëC†PSPëPjPë
PiCtjPµPiP°CtjP°C,P°PjPë P· PiCtjPëPiPsPrC† PiPµPIPSPëC... PiPsPeP°P·P°PSCtj.
PµPµC,P°P°PSP°P»C-P· CtjP°PSPrPsPjC-P·PsPIP°PSPëC... PiP»P°C†PµP±Ps-
PePsPSC,CtjPsP»CHbPsPIP°PSPëC... PrPsC†P»C-PrP¶PµPSCtj
PiCtjPsC,PëPµPiC-P»PµPiC,PëC†PSPëC... PiCtjPµPiP°CtjP°C,C-PI PiPsPeP°P·P°PI
PSPµP·PSP°C†PSPµ PiC-PrPIPëC%PµPSPSCЦ CtjPëP·PëPeC† PiPsCЦPIPë
C†C†C—C†PëPrP°P»CHbPSPsPiPs PjPëC†P»PµPSPSCЦ C,P° PiPsPIPµPrC-PSPePë.
PµPµC...P°PSC-P·Pj PIPëPSPëPePSPµPSPSCЦ C†CHbPsPiPs CtjPëP·PëPeC† PSPµPIC-PrPsPjPëPµ,
P° PSP°CЦPIPSC- PrP°PSC- PSPµ PIPëPeP»CtjC†P°CtjC,Ch PµPsPiPs C-C†PSC†PIP°PSPSCЦ C†
CtjP°P·C- P·P°C†C,PsC†C†PIP°PSPSCЦ PiCtjPµPiP°P±P°P»C-PSC†.

PµC-C†P»CЦ PIPëC...PsPrC† PiCtjPµPiP°CtjP°C,C† PSP° CtjPëPSPsPe
PiPsPIC-PrPsPjP»CЦP»PsC†CЦ PiCtjPs PIPëPiP°PrPePë C†C†C—C†PëPrP°P»CHbPSPsPiPs
PjPëC†P»PµPSPSCЦ C,P° PiPsPIPµPrC-PSPePë C† PiP°C†C-C"psc,C-PI, CЦPeC-
PsC,CtjPëPjC†PIP°P»Pë PiCtjPµPiP°P±P°P»C-PS (PrPëPi. CtjPsP·PrC-P» B«PµPsP±C-C†PSC-
CtjPµP°PeC†C-C—B»). P·PiC-PrPµPjC-PsP»PsPiC-C†PSPµ PrPsC†P»C-PrP¶PµPSPSCЦ P·
PIPëPePsCtjPëC†C,P°PSPSCЦPj PrPëP·P°PµPSC† C†P°PjPsC†C,C-PµPSPsPiPs
PePsPSC,CtjPsP»Ctj (PiPsCtjC-PIPSCЦPSPSCЦ PiPµCtjC-PsPrC-PI P»C-PeC†PIP°PSPSCЦ P·
PiPµCtjC-PsPrP°PjPë P±PµP· P»C-PeC†PIP°PSPSCЦ C† PsPeCtjPµPjPsPiPs PiP°C†C-C"psc,P°)
PiCtjPsPrPµPjPsPSC†C,CtjC†PIP°P»Ps PiC-PrPIPëC%PµPSPëPµ CtjPëP·PëPe PSPsPIPëC...
PiCtjPsCЦPIC-PI C†C†C—C†PëPrP°P»CHbPSPsC— PiPsPIPµPrC-PSPePë C,P°
P»PµC,P°P»CHbPSPëC... PIPëPiP°PrPeC-PI PIPSP°C†P»C-PrPsPe C†P°PjPsPiC†P±C†C,PIP° C†
PiP°C†C-C"psc,C-PI, CЦPeC- PsC,CtjPëPjC†PIP°P»Pë PiCtjPµPiP°P±P°P»C-PS.

PµP°C†C-C"psc,P°Pj (C,P° PsC†PsP±P°Pj, CЦPeC- P·PrC-PµC†PSCtjCtjC,Ch PrPsPiP»CЦP† P·P°
PiP°C†C-C"psc,P°PjPë) PSPµPsP±C...C-PrPSPs P·PIPµCtjPSC†C,PëC†CЦ P·P° PjPµPrPëC†PSPsCtj
PrPsPiPsPjPsPiPsCtj C† CtjP°P·C- PiPsCЦPIPë PsP·PSP°Pe C†C†C—C†PëPrP°P»CHbPSPsPiPs
PjPëC†P»PµPSPSCЦ P°P±Ps PiPsPIPµPrC-PSPePë. PµP°C†C-C"psc,Pë PiPsPIPëPSPSC-
PiPµCtjPµP±C†PIP°C,Pë PiC-Pr PSP°PiP»CЦPrPsPj C%PsPrPs PiPsCЦPIPë PsP·PSP°Pe
C†C†C—C†PëPrP°P»CHbPSPsPiPs PjPëC†P»PµPSPSCЦ C,P° PiPsPIPµPrC-PSPePë; C†P»C-Pr
CtjPsP·PiP»CЦPSC†C,Pë PjPsP¶P»PëPIC-C†C,Ch PIC-PrPiPsPIC-PrPSPsPiPs
P»C-PeC†PIP°PSPSCЦ. Pj CtjP°P·C- C†C†C—C†PëPrP°P»CHbPSPsPiPs PjPëC†P»PµPSPSCЦ C,P°
PiPsPIPµPrC-PSPePë PiPsC,CtjC-P±PSPs CtjPsP·PiP»CЦPSC†C,Pë PjPsP¶P»PëPIC-C†C,Ch
PIC-PrPjC-PSPë P»C-PeC†PIP°PSPSCЦ PiCtjPµPiP°P±P°P»C-PSPsPj.

PµPsPiC-CtjCεPµPSPSCЦ C„CzPSPeC†C-C— PSPëP¶PSC-C... PIC-PrPrC-P»C-PI
CεP»CzPSPePsPIPs-PePëCεPePsPIPsPiPs C,CtjP°PeC,Cz.

РѹС-СІР»СІ ПІРЄС...PsPrCf PİCḡPµPİP°CḡP°С,Сf PSP° CḡPḡPSPsPe PİPsPIC-PrPsPjP»СІР»Pḡ
PİCḡPs СІРІРЄС%P°, PİPsPIḡḡ™ СІР·P°PSC- P· PİPsPiC-CḡCḡPµPSPSCІРj C,,СfPSPeC†C-C—
PSPḡPḡPSC-C... PIC-PrPrC-P»C-PI CḡP»CfPSPePsPIPs-PePḡCḡPePsPIPsPiPs C,CḡP°PeC,Сf
(PSPµPİCḡPsC...C-PrPSC-CІC,Сḡ PePḡCḡPµC†PSPḡPeCf, PİP°CḡP°P»C-C,PḡC†PSP°
PSPµPİCḡPsC...C-PrPSC-CІC,Сḡ PePḡCḡPµC†PSPḡPeCf, P·P°PİPsCḡ) PIPSP°СІР»C-PrPsPe
PİCḡPḡPḡPḡPsPjCf PİCḡPµPİP°P±P°P»C-PSCf CḡP°P·PsPj P· P»C-PeP°CḡCfCḡPePḡPjPḡ
P·P°СІPSP±P°PjPḡ, C%Ps PjPsPḡCfC,Сḡ СІPİCḡPḡC†PḡPSCІC,Pḡ P·P°PİPsCḡPḡ,
PSP°PİCḡPḡPeP»P°Pr PsPİC-PsC—PrPSPḡPjPḡ P°PSP°P»PİPµC,PḡPeP°PjPḡ. PḡCḡPḡ
PePsPjP±C-PSPsPİP°PSPsPjCf P·P°СІC,PsCfCfPİP°PSPSC- PİCḡPµPİP°P±P°P»C-PSCf C,P°
PsPİC-PsC—PrC-PI СІР»C-Pr PIPḡPḡC,Pḡ P·P°С...PsPrC-PI PrP»СІ PİCḡPsC,,C-P»P°PeC,PḡPePḡ
P·P°PİPsCḡC-PI (PsCfPsP±P»PḡPİPs Cf PḡC-PSPsPe C,P° PİP°C†C-C”PSC,C-PI P»C-C,PSCḡPsPiPs
PIC-PeCf).

PḡPrPSPsC†P°СІPSPµ P·P°СІC,PsCfCḡPİP°PSPSCІ P· PsPİC-PsC—PrP°PjPḡ

P PµPePsPjPµPSPPrCfC”C,СḡCfCІ PSp±PµCḡPµPḡPSC-CІC,Сḡ PİCḡPḡ
PİCḡPḡP·PSP°C†PµPSPSC- PİCḡPµPİP°P±P°P»C-PSCf PsPrPSPsC†P°СІPSPs P·
PsPİC-PsC—PrP°PjPḡ C†PµCḡPµP· CḡPḡP·PḡPe PİPḡPSPḡPePSPµPSPSCІ
PİCḡPḡPİPSC-C†PµPSPSCІ C,,СfPSPeC†C-C— PİPḡPḡ (PrPḡPI. CḡPsP·PrC-P»
B«P·P°С”PjPsPrC-CІ P· C-PSCḡPḡPjPḡ P»C-PeP°CḡCfCḡPePḡPjPḡ P·P°СІPSP±P°PjPḡ C,P°
C-PSCḡC- PİPḡPrPḡ PİP·P°С”PjPsPrC-PMḡB»). Pj PrPsCfP»C-PrPḡPµPSPSC- PİPḡPİP°PrPsPe-
PePsPSC,CḡPsP»Cḡ PsCfC-P±, СІPḡC- P·P°СІC,PsCfPsPICfCḡC,Сḡ PsPİC-PsC—PrPḡ,
PİC-PrPİPḡC%PµPSPḡPḡ CḡPḡP·PḡPe P»PµC,P°P»CḡPSPsCfC,C-, PİPsPIḡḡ™ СІР·P°PSPsC— P·
PsPİC-PsC—PrP°PjPḡ, P±CfPI Cf PİP°C†C-C”PSC,C-PI, СІPḡC- PsC,CḡPḡPjCfPİP°P»Pḡ
C,PµCḡP°PİC-Cḡ PİCḡPµPİP°P±P°P»C-PSPsPj PsPrPSPsC†P°СІPSPs P· PsPİC-PsC—PrPsPj,
PİPsCḡC-PİPSCІPSPs P· C,P°PePḡPj PİCḡPḡ P·P°СІC,PsCfCfPİP°PSPSC- P»PḡCḡPµ
PsPİC-PsC—PrC-PI (СІPePsCḡPḡPİPsPİP°PSPµ СІPİC-PİPIC-PrPSPsCḡPµPSPSCІ CḡP°PSCfC-PI
[aOR], 1,68 [95 % P”P†, 1,19ḡḡ”2,36]). PḡP°PePḡPḡ PİC-PrPİPḡC%PµPSPḡPḡ CḡPḡP·PḡPe
СІPİPsCfC,PµCḡC-PİP°PICfCІ PİCḡPḡ PSPḡP·CḡPePḡC... PrPsP·P°С...
PİCḡPµPİP°P±P°P»C-PSCf (≤ 300 PjPi, 1,52 aOR [95 % P”P†, 1,04ḡḡ”2,22]) P·
C,PµPSPPrPµPSC†C-C”Cḡ PrPs P·P±C-P»CḡCḡPµPSPSCІ CḡPḡP·PḡPeCf PİCḡPḡ
PİPḡCfPsPePḡC... PrPsP·P°С... PİCḡPµPİP°P±P°P»C-PSCf (> 300 PjPi, 2,55 aOR [95 % P”P†
1,24ḡḡ”5,06]).

PḡPµPİCḡP°PİPḡP»CḡPSPµ P·P°СІC,PsCfCḡPİP°PSPSCІ, P·P»PsPİPḡPḡPİP°PSPSCІ P°P±Ps
P·P°P»PµPḡPSC-CІC,Сḡ

PḡCḡPµPİP°P±P°P»C-PS PjPsPḡPµ PİPḡPeP»PḡPeP°C,Pḡ P»C-PeP°CḡCfCḡPeCf
P·P°P»PµPḡPSC-CІC,Сḡ, PSP°PIC-C,Сḡ PİCḡPḡ PḡPsPiPs P·P°СІC,PsCfCfPİP°PSPSC- PI
C,PµCḡP°PİPµPIC,PḡC†PSPḡC... PrPsP·P°С... PḡPsPIC-PrPsPjP»СІР»PsCfCІ PİCḡPs
PİPḡPİP°PrPePḡ P·P»PsPİPḡPḡPİP°PSPSCІ C,P° PSPµPİCḡP°PİPḡP»CḡPSPsPiPs
P·P°СІC,PsCfCfPİP°PSPSCІ. PḡP°C†C-C”PSC,Pḡ P·C- P·P»PsPİPḡPḡPİP°PSPSCІPj
PİCfPḡC...PsP°PeC,PḡPİPSPḡPjPḡ CḡPµC†PsPİPḡPSP°PjPḡ Pİ P°PSP°PjPSPµP·C- PjPsPḡCfC,Сḡ
PjP°C,Pḡ PİPḡC%PḡPḡ CḡPḡP·PḡPe PSPµPİCḡP°PİPḡP»CḡPSPsPiPs P·P°СІC,PsCfCfPİP°PSPSCІ
PİCḡPµPİP°P±P°P»C-PSCf, P·P»PsPİPḡPḡPİP°PSPSCІ C,P° P·P°P»PµPḡPSPsCfC,C-, C,PsPjCf
C,P°PePḡPj PİP°C†C-C”PSC,P°Pj PİCḡPµPİP°P±P°P»C-PS СІР»C-Pr P·P°СІC,PsCfPsPICfPİP°C,Pḡ
P· PsP±PµCḡPµPḡPSC-CІC,Сḡ. PḡPµCḡCḡ PSC-Pḡ PİCḡPḡP·PSP°C†P°C,Pḡ
PİCḡPµPİP°P±P°P»C-PS, СІР»C-Pr CḡPµC,PµP»CḡPSPs PsC†C-PSPḡC,Pḡ CḡPḡP·PḡPe
PSPµPİCḡP°PİPḡP»CḡPSPsPiPs P·P°СІC,PsCfCfPİP°PSPSCІ, P·P»PsPİPḡPḡPİP°PSPSCІ P°P±Ps
P·P°P»PµPḡPSPsCfC,C-.

P—P° СІC,P°PSPsPj PİP°C†C-C”PSC,C-PI, СІPḡC- PsC,CḡPḡPjCfCḡC,Сḡ

PiC7PmPiP°P±P°P»C-PS, C7P»C-Pr C7PiPsC7C,PmC7C-PiP°C,Pë PrP»C7 PIPëC7PIP»PmPSPSC7 C7PëPjPiC,PsPjC-PI PSPmPiC7P°PIPëP»CHPSPsPiPs P·P°C7C,PsC7C7PIP°PSPSC7 PiC7PmPiP°P±P°P»C-PSC7, P·P»PsPIP¶PëPIP°PSPSC7 P°P±Ps P·P°P»PmP¶PSPsC7C,C-, C,P°PePëC... C7Pe C7PsP·PIPëC,PsPe P·PIPëPeP°PSPSC7, PiPmC7PmPIPëC%PmPSPSC7 PrPsP·Pë C,P° PiPsPIPmPrC-PSPeP°, C7PiC7C7PjPsPIP°PSP° PSP° PsC,C7PëPjP°PSPSC7 PiC7PmPiP°C7P°C,C7.

P7PëPjPiC,PsPjPë PIC-PrPjC-PSPë

Pj PrPmC7PePëC... PiP°C7C-C"psc,C-PI PiC-C7P»C7 PiC7PëPiPëPSPmPSPSC7 PePsC7PsC,PePsC7C,C7PsPePsPiPsC— P°P±Ps C,C7PëPIP°P»PsC— C,PmC7P°PiC-C— PiC7PmPiP°P±P°P»C-PSPsPj C7PiPsC7C,PmC7C-PiP°P»PëC7C7 C7PëPjPiC,PsPjPë PIC-PrPjC-PSPë PiC7PmPiP°C7P°C,C7. PmPsPIC-PrPsPjP»C7P»PsC7C7 PiC7Ps C,P°PeC- C7PëPjPiC,PsPjPë: P±PmP·C7PsPSPSC7, PiPsP»PsPIPSPëPNë P±C-P»CH, PSC7PrPsC,P°, C,C7PëPiPsP¶PSC-C7C,CH, PrC-P°C7PmC7, PiC7PëPiPsPiPsPrC-P±PSPëPNë C7PëPSPrC7PsPj, PSPmC7PiPsP·PSC-C7C,CH, PrPmPiC7PmC7C-C7, C7C7C—C7PëPrP°P»CHPSC- PrC7PjPePë, P±C-P»CH, C7C7PrPsPjPë, PiC-PiPmC7PiC-PrC7PsP· C- P·P°PiP°PjPsC7PsC7PmPSPSC7, C7PeC- PIPeP°P·C7C7C,CH PSP° P»C-PeP°C7C7CHPeC7 P·P°P»PmP¶PSC-C7C,CH. PmPsC7PIP° C7PëPjPiC,PsPjC-PI PIC-PrPjC-PSPë PiC-C7P»C7 PiC7PëPiPëPSPmPSPSC7 PiC7PëPNëPsPjC7 PiC7PmPiP°P±P°P»C-PSC7 PjPsP¶Pm PIPeP°P·C7PIP°C,Pë PSP° P»C-PeP°C7C7CHPeC7 P·P°P»PmP¶PSC-C7C,CH (PrPëPI. C7PsP·PrC-P» B«PmPsP±C-C7PSC- C7PmP°PeC7C-C—B»). P7C7 C-PSC,,PsC7PjP°C7C-C7 C7P»C-Pr PiPsPIC-PrPsPjPëC,Pë PiP°C7C-C"psc,C7 PiPmC7PmPr PiPsC7P°C,PePsPj C,PmC7P°PiC-C—.

PiPeC%Ps P·P°C7C,PsC7C7PIP°PSPSC7 PiC7PmPiP°P±P°P»C-PSC7 PSPmPsP±C...C-PrPSPs PiC7PëPiPëPSPëC,Pë, C7PmPePsPjPmPSPrC7C",CHC7C7 C7Pm C7PsP±PëC,Pë PiPsC7C,C7PiPsPiPs, PiC7PsC,C7PiPsPj C%PsPSP°PNëPjPmPSC€Pm 1 C,PëP¶PSC7 PSPmP·P°P»PmP¶PSPs PIC-Pr PiPsPeP°P·P°PSPSC7 (PrPëPI. C7PsP·PrC-P» B«P7PiPsC7C-P± P·P°C7C,PsC7C7PIP°PSPSC7 C,P° PrPsP·PëB»).

P7C7PrPsPjPë, P·PsPeC7PmPjP° PmPiC-P»PmPiC,PëC7PSPëPNë C7C,P°C,C7C7 C,P° PIPmP»PëPeC- C7C7PrPsPjPSC- PSP°PiP°PrPë, PjPsP¶C7C,CH PIPëPSPëPeP°C,Pë PiC-Pr C7P°C7 C,PmC7P°PiC-C— PiC7PmPiP°P±P°P»C-PSPsPj P°P±Ps PSPmPIPPrPsPIP·C- PiC-C7P»C7 PNëPsPiPs PIC-PrPjC-PSPë.

P"°PSC- C%PsPrPs PIC-PrPjC-PSPë PiC7PmPiP°P±P°P»C-PSC7 PiC-C7P»C7 C,C7PëPIP°P»PsPiPs P·P°C7C,PsC7C7PIP°PSPSC7 PIPeP°P·C7C7C,CH PSP° C,Pm, C%Ps C7P°C7C,PsC,P° PIPëPSPëPePSPmPSPSC7 C,P° C7C,C7PiC-PSC7 C,C7P¶PePsC7C,C- C7PëPjPiC,PsPjC-PI PIC-PrPjC-PSPë PjPsP¶C7C,CH P·P°P»PmP¶P°C,Pë PIC-Pr PrPsP·Pë.

P·PSC7PmC,,P°P»PsPiP°C,C-C7.

P·PSC7PmC,,P°P»PsPiP°C,C-C7 PIPëPSPëPeP°P»P° PiPmC7PmPIP°P¶PSPs C7 PiP°C7C-C"psc,C-PI C-P· C7C7PiC7C,PSC-PjPë P·P°C...PIPsC7C7PIP°PSPSC7PjPë, C%Ps PjPsP¶C7C,CH C7PiC7PëC7PëPSC7C,Pë PmPSC7PmC,,P°P»PsPiP°C,C-C7.

P-C-PSPePë C7PmPiC7PsPrC7PeC,PëPIPSPsPiPs PIC-PeC7/PePsPSC,C7P°C7PmPiC7C-C7

P—P°C7C,PsC7C7PIP°PSPSC7 PiC7PmPiP°P±P°P»C-PSC7 C7 PiPmC7C€PsPjC7 C,C7PëPjPmC7C,C7C- PIP°PiC-C,PSPsC7C,C- PjPsP¶Pm C7PiC7PëC7PëPSC7C,Pë P·PSP°C7PSC- PIC7PsPrP¶PmPSC- PrPmC,,PmPeC,Pë C7 PiP»PsPrP°. PmC7PmPiP°P±P°P»C-PS PSPm C7P»C-Pr P·P°C7C,PsC7PsPIC7PIP°C,Pë PI PiPmC7C-PsPr PIP°PiC-C,PSPsC7C,C-, C7PeC%Ps

PePsC₇PeC₁C,CH PrP»C₁ PIP°PiC-C, PSPsC— C₁PIPSPs PSPμ PiPμC₇PμPIPëC%oC₁C”
PiPsC, PμPSC†C-PN₂PSPëPN₂ C₇PeP·PëPe PrP»C₁ PiP»PsPrP°. P-C-PSPePë
C₇PμPiC₇PsPrC₁PeC, PëPIPSPsPiPs PIC-PeC₁ PiPsPIPëPSPSC- PIPëPePsC₇PeC₁C, PsPIC₁PIP°C, Pë
PμC,, PμPeC, PëPIPS- P·P°C₁PsP±Pë PePsPSC, C₇P°C†PμPiC†C-C— PiC-Pr C±P°C₁
P»C-PeC₁PIP°PSPSC₁ (PrPëPI. C₇PsP·PrC-P» B«P—P°C₁C, PsC₁C₁PIP°PSPSC₁ C₁ PiPμC₇C-PsPr
PIP°PiC-C, PSPsC₁C, C- P°P±Ps PiPsPrC₁PIP°PSPSC₁ PiC₇C₁PrPrC₇B»).

*P—P°C₁C, PsC₁C₁PIP°PSPSC₁ C₁ PiPμC₇C-PsPr PIP°PiC-C, PSPsC₁C, C- P°P±Ps
PiPsPrC₁PIP°PSPSC₁ PiC₇C₁PrPrC₇.*

P-C-PSPePë C₇PμPiC₇PsPrC₁PeC, PëPIPSPsPiPs PIC-PeC₁/P·P°C₁PsP±Pë
PePsPSC, C₇P°C†PμPiC†C-C— PrP»C₁ P₁C-PSPsPe C- C±PsP»PsPIC-PeC-PI.

P-C-PSPeP°Pj C₇PμPiC₇PsPrC₁PeC, PëPIPSPsPiPs PIC-PeC₁ C₁P»C-Pr
PIPëPePsC₇PeC₁C, PsPIC₁PIP°C, Pë PμC,, PμPeC, PëPIPS- P·P°C₁PsP±Pë
PePsPSC, C₇P°C†PμPiC†C-C—.

P°P°PiC-C, PSC-C₁C, CH.

P”PsC₁P»C-PrP₁PμPSPSC₁ PSP° C, PIP°C₇PePSP°C... C₁PIC-PrC±PëP»Pë PiC₇Ps
C₇PμPiC₇PsPrC₁PeC, PëPIPSCr C, PsPeC₁PeC±PSC-C₁C, CH.

P’C₁P»Ps PiPsPeP°P·P°PSPs, C%oPs PiC₇PμPiP°P±P°P»C-PS PiC₇PsPSPëPeP°C” C±PμC₇PμP·
PiP»P°C†PμPSC, C₁ C%oC₁C₇C-PI.

PμC₇PμPiP°P±P°P»C-PS PjPsP₁Pμ PiC₇PsPSPëPeP°C, Pë C±PμC₇PμP· PiP»P°C†PμPSC, C₁
P»C₇PrPëPSPë.

P₁C₁PSPsPIPSC- PIC₇PsPrP₁PμPSC- PIP°PrPë C₇PsP·PIPëC, PeC₁

P”P°PSC- C₁PeP°PSPPrPëPSP°PIC₁C₇PePsPiPs PsP±C₁PμC₇PIP°C†C-PN₂PSPsPiPs
PrPsC₁P»C-PrP₁PμPSPSC₁ P±C-P»CHC€ PSC-P₁ PSP° 2700 PIP°PiC-C, PSPsC₁C, PμPN₂, C₁PeC-
PiC-PrPrP°P»PëC₁C₁ PIPiP»PëPIC₁ PiC₇PμPiP°P±P°P»C-PSC₁ C₁ P† C, C₇PePjPμC₁C, C₇C-,
PiPsPeP°P·P°P»Pë P±C-P»CHC€C₁ PiPsC€PëC₇PμPSC-C₁C, CH PsC₁PSPsPIPSPëC...
PIC₇PsPrP₁PμPSPëC... PIP°Pr C₇PsP·PIPëC, PeC₁ C₁PμC₇PμPr PiPμPrC-P°C, C₇PeC±PSPsC—
PiPsPiC₁P»C₁C†C-C— (P₁PëPIPsC— P°P±Ps PjPμC₇C, PIPsPSP°C₇PsPrP₁PμPSPsC—),
PiPsC₇C-PIPSC₁PSPs P· PiPsPiC₁P»C₁C†C-C”C₇, C₁PeP° PSPμ PsC, C₇PePjC₁PIP°P»P°
PsPiC₇PsPjC-PSPμPSPSC₁ (5,9 % PiC₇PsC, Pë 4,1 %). P PëP·PëPe C₇PsP·PIPëC, PeC₁
PsC₁PSPsPIPSPëC... PIC₇PsPrP₁PμPSPëC... PIP°Pr C₇PsP·PIPëC, PeC₁ C₁PμC₇PμPr
PiPμPrC-P°C, C₇PeC±PSPsC— PiPsPiC₁P»C₁C†C-C—, C₁PeP° PiC-PrPrP°PIP°P»P°C₁C₁
PIPiP»PëPIC₁ PiC₇PμPiP°P±P°P»C-PSC₁ C₁ P† C, C₇PePjPμC₁C, C₇C-, P±C₁PI PrPμC%oPs
PIPëC%oPëPj PiPsC₇C-PIPSC₁PSPs P· PiPsPiC₁P»C₁C†C-C”C₇, C₁PeP° PSPμ
PsC, C₇PePjC₁PIP°P»P° PsPiC₇PsPjC-PSPμPSPSC₁ (PePsC₇PePiPsPIP°PSPëPN₂
PePsPμC,, C-C†C-C”PSC, PiPsC€PëC₇PμPSPsC₁C, C- C, P° 95 % PrPsPIC-C₇C±PëPN₂
C-PSC, PμC₇PIP°P»: 1,14 (0,96-1,35)), C- PiPsC₇C-PIPSC₁PSPs P· PiPsPiC₁P»C₁C†C-C”C₇,
C₁PeP° PiC-PrPrP°PIP°P»P°C₁C₁ PIPiP»PëPIC₁ P»P°PjPsC, C₇PePrP₁PëPSC₁
(1,29 (1,01B₇“1,65)) P°P±Ps PrC₁P»PsPeC₁PμC, PëPSC₁ (1,39 (1,07B₇“1,82)). P₁PSP°P»C-P·
PePsPSPeC₇PμC, PSPëC... PIP°Pr C₇PsP·PIPëC, PeC₁ PiPsPeP°P·P°PI P±C-P»CHC€
PIPëC₁PsPePëPN₂ C₇PeP·PëPe PIP°Pr C₇PsP·PIPëC, PeC₁ PSPμC₇PIPsPIPSC— C₁PëC₁C, PμPjPë,
PsC±PμPN₂, C₇PsC, Ps-P»PëC†CHPsPIPëC... C%oC-P»PëPS, PIP°Pr C₇PsP·PIPëC, PeC₁ C₁PμC±Ps-
C₁C, P°C, PμPIPëC... PsC₇PiP°PSC-PI, P°P»Pμ C†PëC,, C₇Pe P±C₁P»Pë PSPμPIPμP»PëPePëPjPë, P°

PsC†C-PSPePë PSPµC,PsC‡PSPëPjPë. PµC‡PµPiP°P±P°P»C-PS PSPµ C†P»C-Pr
P·P°C†C,PsC†PsPIC†PIP°P°P,Pe Cr PìPµC‡C-PsPr PIP°PiC-C,PSPsC†C,C-, C†PeC%Ps PSPµPjP°P°C”
C†PIPSPsC— PSPµPsP±C...C-PrPSPsC†C,C- (C†PeC%Ps PePsC‡PëC†C,Ch PrP»C†
PjP°P,PµC‡C- C†PIPSPs PìPµC‡PµPIPëC%CrC” PìPsC,PµPSC†C-PNëPSPëPNë C‡PëP·PëPe PrP»C†
PìP»PsPrP°).

P”PsPrC†PIP°PSPSC† PiC‡C†PrPrC‡.

PµC‡PµPiP°P±P°P»C-PS PìC‡PsPSPëPeP°P°C” Cr PìC‡C†PrPSPµ PjPsP»PsPePs. P’PìP»PëPI
PìC‡PµPiP°P±P°P»C-PSC† PSP° PSPsPIPsPSP°C‡PsPrP¶PµPSPëC.../PSPµPjPsPIP»C†C,
PSPµPIC-PrPsPjPëPNë. PkPµPsP±C...C-PrPSPs PìC‡PëPNëPSC†C,Pe C‡C-C€PµPSPSC† PìC‡Ps
PìC‡PëPìPëPSPµPSPSC† PìC‡C†PrPSPsPiPs PiPsPrC†PIP°PSPSC† P°P±Ps
PìC‡PëPìPëPSPµPSPSC† C,PµC‡P°PìC-C— PìC‡PµPiP°P±P°P»C-PSPsPj, P±PµC‡C†Pë PrPs
C†PIP°PiPë PePsC‡PëC†C,Ch PiPsPrC†PIP°PSPSC† PìC‡C†PrPrC‡ PrP»C† PrPëC,PëPSPë C,P°
PePsC‡PëC†C,Ch C,PµC‡P°PìC-C— PrP»C† P¶C-PSPePë.

P PµPìC‡PsPrC†PeC,PëPIPSP° C,,C†PSPeC†C-C†

PµP»C-PSC-C‡PSC- PrP°PSC- C%PsPrPs PIPìP»PëPIC† PìC‡PµPiP°P±P°P»C-PSC† PSP°
C,,PµC‡C,PëP»ChPSC-C†C,Ch P¶C-PSPsPe PIC-PrC†C†C,PSC-.

PµC-Pr C‡P°C† PeP»C-PSC-C‡PSPsPiPs PrPsC†P»C-PrP¶PµPSPSC† PIPìP»PëPIC†
PìC‡PµPiP°P±P°P»C-PSC† PSP° C‡C†C...P»PëPIC-C†C,Ch C†PìPµC‡PjP°P,CsP·PsC—PrC-PI
P·PrPsC‡PsPIC- PrPsP±C‡PsPIPsP»ChC†C- C‡PsP»PsPIC-C‡PsC— C†C,P°P,C-
P·P°C†C,PsC†PsPIC†PIP°P»Pë PìC‡PµPiP°P±P°P»C-PS Cr PrPsP·C- 600 PjPi PSP° PrPsP±C†.
PµC-C†P»C† P·P°C†C,PsC†C†PIP°PSPSC† PìC‡PµPiP°C‡P°P,C† PìC‡PsC,C†PiPsPj
3 PjC-C†C†C†C-PI P¶PsPrPSPsPiPs PIPìP»PëPIC† PSP° C‡C†C...P»PëPIC-C†C,Ch
C†PìPµC‡PjP°P,CsP·PsC—PrC-PI PSPµ PIPëC†PIP»PµPSPs.

P”PsC†P»C-PrP¶PµPSPSC† C,,PµC‡C,PëP»ChPSPsC†C,C- PìC‡PsPrPµPjPsPSC†C,C‡C†PIP°P»Ps
PSP°C†PIPSC-C†C,Ch PSPµPiP°P,C,PëPIPSPsPiPs PIPìP»PëPIC† PSP°
C‡PµPìC‡PsPrC†PeC,PëPIPSC† C,,C†PSPeC†C-C‡ C†P°PjPsPe C%CrC‡C-PI C,P°
PSP°C†PIPSC-C†C,Ch PSPµPiP°P,C,PëPIPSPsPiPs PIPìP»PëPIC† PSP°
C‡PµPìC‡PsPrC†PeC,PëPIPSC† C,,C†PSPeC†C-C‡ C,P° C‡PsP·PIPëC,PsPe C†P°PjC†C-PI
C%CrC‡C-PI. PµP»C-PSC-C‡PSP° P·PSP°C‡C†C%C-C†C,Ch C†PëC... C‡PµP·C†P»ChC,P°P,C-PI
PSPµPIC-PrPsPjP°.

-

*P—PrP°P,C,PSC-C†C,Ch PIPìP»PëPIP°P,C,Pë PSP° C€PIPëPrPeC-C†C,Ch C‡PµP°PeC†C-C— PìC‡Pë
PePµC‡C†PIP°PSPSC- P°PIC,PsC,C‡P°PSC†PìPsC‡C,PsPj P°P±Ps C-PSC€PëPjPë
PjPµC...P°PSC-P·PjP°PjPë.*

PµC‡PµPiP°P±P°P»C-PS PjPsP¶Pµ PjP°P,C,Pë PSPµP·PSP°C‡PSPëPNë P°P±Ps PìPsPjC-C‡PSPëPNë
PIPìP»PëPI PSP° P·PrP°P,C,PSC-C†C,Ch PePµC‡C†PIP°P,C,Pë C,C‡P°PSC†PìPsC‡C,PSPëPjPë
P·P°C†PsP±P°PjPë P°P±Ps C-PSC€PëPjPë PjPµC...P°PSC-P·PjP°PjPë. PµC‡PµPiP°P±P°P»C-PS
PjPsP¶Pµ C†PìC‡PëC‡PëPSC†C,Pë P·P°PìP°PjPsC‡PsC‡PµPSPSC† C,P° C†PsPSP»PëPIC-C†C,Ch
C- C,P°PePëPj C‡PëPSPsPj PIPìP»PëPIP°P,C,Pë PSP° P·PrP°P,C,PSC-C†C,Ch PePµC‡C†PIP°P,C,Pë
C,C‡P°PSC†PìPsC‡C,PSPëPjPë P·P°C†PsP±P°PjPë P°P±Ps C-PSC€PëPjPë
PjPµC...P°PSC-P·PjP°PjPë. PµP°C†C-C”PSC,P°Pj C†P»C-Pr C‡PµPePsPjPµPSPPrC†PIP°P,C,Pë
C†C,C‡PëPjC†PIP°P,C,PëC†C† PIC-Pr PePµC‡C†PIP°PSPSC† C,C‡P°PSC†PìPsC‡C,PSPëPjPë
P·P°C†PsP±P°PjPë, PIC-Pr C‡PsP±PsC,Pë P·C- C†PeP»P°PrPSPsC‡ C,PµC...PSC-PePsC‡ P°P±Ps

PIC-Pr C-PSC€PsC— PiPsC,PµPSC†C-PNεPSPs PSPµP±PµP·PiPµC†PSPsC—
PrC-CΠP»CHPSPsC†C,C-, PiPsPePë PSPµ C†C,P°PSPµ PIC-PrPsPjPs, C†Pë PIPiP»PëPIP°C”
C†PµPNε P»C-PeP°C†C†CHPePëPNε P·P°C†C-P± PSP° C—C...PSC† P·PrP°C,PSC-C†C,CH PrPs
C,P°PePsC— PrC-CΠP»CHPSPsC†C,C-.

PÝPiPsC†C-P± P·P°C†C,PsC†C¿PIP°PSPSCΠ C,P° PrPsP·Pë.

PµC†PµPiP°C†P°C, PµC†PµPiP°PrPsP» PiC†PëPNεPjP°C,Pë PSPµP·P°P»PµP¶PSPs PIC-Pr
PIP¶PëPIP°PSPSCΠ C—P¶C-.

P”P°PSPëPNε P»C-PeP°C†C†CHPePëPNε P·P°C†C-P± PiC†PëP·PSP°C†PµPSPëPNε
PIPëPSCΠC,PePsPIPs PrP»CΠ PiPµC†PµC†P°P»CHPSPsPiPs P·P°C†C,PsC†C†PIP°PSPSCΠ.

P”PsP·Pë

P”C-P°PiP°P·PsPS PrPsP· C†C,P°PSPsPIPëC,CH PIC-Pr 150 PrPs 600 PjPi PSP° PrPsP±C†.
P”PsP±PsPIC† PrPsP·C† C†PµP·PiPsPrC-P»CΠC,Pë PSP° 2 P°P±Ps 3 PiC†PëPNεPsPjPë. P”P»CΠ
P·C†C†C†PSPsC†C,C- P·P°C†C,PsC†C†PIP°PSPSCΠ PrPsP· < 300 PjPi PSP° PiC†PëPNεPsPj
C†PµPePsPjPµPSP†C†C”C,CHC†CΠ P·P°C†C,PsC†C†PIC†PIP°C,Pë PµC†PµPiP°PrPsP»,
PeP°PiC†C†P»Pë PiPs 75 PjPi, P°P±Ps PµC†PµPiP°PrPsP», PeP°PiC†C†P»Pë PiPs 150 PjPi, P°P±Ps
P»C-PeP°C†C†CHPeC- P·P°C†C†PsP±Pë P· PrC-C†C†PsC† C†PµC†PsPIPëPSPsC†
PiC†PµPiP°P±P°P»C-PS C† PIC-PrPiPsPIC-PrPSPsPjC† PrPsP·C†PIP°PSPSC-.

P†PµPIC†PµPiP°C,PëC†PSPëPNε P±C-P»CH.

P>C-PeC†PIP°PSPSCΠ PiC†PµPiP°P±P°P»C-PSPsPj PSPµPsP±C...C-PrPSPs
C†PµP·PiPsC†PëPSP°C,Pë P· PrPsP·Pë 150 PjPi PSP° PrPsP±C†, C†PµP·PiPsPrC-P»PëPIC€Pë
C—C— PSP° 2 P°P±Ps 3 PiC†PëPNεPsPjPë. P—P°P»PµP¶PSPs PIC-Pr PµC,,PµPeC,PëPIPSPsC†C,C-
C,P° C-PSP†PëPIC-PrC†P°P»CHPSPsC— PiPµC†PµPSPsC†PëPjPsC†C,C- PiC†PµPiP°C†P°C,C†
PrPsP·C† PjPsP¶PSP° P·P±C-P»CHC€PëC,Pë PrPs 300 PjPi PSP° PrPsP±C† C†PµC†PµP· 3-7
PrPSC-PI, P° P·P° PiPsC,C†PµP±Pë B†” PrPs PjP°PeC†PëPjP°P»CHPSPsC— PrPsP·Pë 600 PjPi
PSP° PrPsP±C† C%oPµ C†PµC†PµP· 7 PrPSC-PI.

P·PiC-P»PµPiC†C-CΠ.

P>C-PeC†PIP°PSPSCΠ PiC†PµPiP°P±P°P»C-PSPsPj PjPsP¶PSP° C†PµP·PiPsC†P°C,Pë P· PrPsP·Pë
150 PjPi PSP° PrPsP±C†, C†PµP·PiPsPrC-P»PëPIC€Pë C—C— PSP° 2 P°P±Ps 3 PiC†PëPNεPsPjPë.
P—P°P»PµP¶PSPs PIC-Pr PµC,,PµPeC,PëPIPSPsC†C,C- C,P° C-PSP†PëPIC-PrC†P°P»CHPSPsC—
PiPµC†PµPSPsC†PëPjPsC†C,C- PiC†PµPiP°C†P°C,C† PrPsP·C† PjPsP¶PSP° P·P±C-P»CHC€PëC,Pë
PrPs 300 PjPi PSP° PrPsP±C† PiC-C†P»CΠ PiPµC†C€PsPiPs C,PëP¶PSCΠ P»C-PeC†PIP°PSPSCΠ.
P©Pµ C†PµC†PµP· PsPrPëPS C,PëP¶PrPµPSC† PrPsP·C† PjPsP¶PSP° P·P±C-P»CHC€PëC,Pë PrPs
PjP°PeC†PëPjP°P»CHPSPsC— B†” 600 PjPi PSP° PrPsP±C†.

P”PµPSPµC†P°P»C-P·PsPIP°PSPëPNε C,C†PëPIP¶PSPëPNε C†PµP·P»P°Pr.

P”PsP·P°, CΠPeC† C†PµP·PiPsPrC-P»CΠC†C,CH PSP° 2 P°P±Ps 3 PiC†PëPNεPsPjPë, PjPsP¶Pµ
P·PjC-PSC†PIP°C,PëC†CΠ C† PjPµP¶P°C... 150-600 PjPi PSP° PrPsP±C†. PµPµC†C-PsPrPëC†PSPs
C†P»C-Pr PiPµC†PµPsC†C-PSC†PIP°C,Pë PSPµPsP±C...C-PrPSC-C†C,CH
PiC†PµPrPsPIP¶PµPSPSCΠ P»C-PeC†PIP°PSPSCΠ.

P>C-PeC†PIP°PSPSCΠ PiC†PµPiP°P±P°P»C-PSPsPj PjPsP¶PSP° C†PµP·PiPsC†P°C,Pë P· PrPsP·Pë

150 PjPi PSP° PrPsP±Cf. P—P°P»PµP¶PSPs PIC-Pr PµC,,PµPeC,PëPIPSsCfC,C- C,P°
C-PSPrPëPIC-PrCfP°P»CHbPSPsC— PîPµCfPµPSPsCfPëPjPsCfC,C- PîCfPµPîP°CfP°C,Cf
PrPsP·Cf PjPsP¶PSP° P·P±C-P»CHbCëPëC,Pë PrPs 300 PjPi PSP° PrPsP±Cf PîC-CfP»Cf
PîPµCfCëPsPiPs C,PëP¶PSCf PîCfPëPµPjCf. PµC-CfP»Cf C%oPµ PsPrPSPsPiPs C,PëP¶PSCf
PîCfPëPµPjCf PîCfPµPîP°P±P°P»C-PSCf PrPsP·Cf PjPsP¶PSP° P·P±C-P»CHbCëPëC,Pë PrPs
450 PjPi PSP° PrPsP±Cf. P©Pµ C±PµCfPµP· PsPrPëPS C,PëP¶PrPµPSCf PrPsP·Cf PjPsP¶PSP°
P·P±C-P»CHbCëPëC,Pë PrPs PjP°PeCfPëPjP°P»CHbPSPsC— bñ“ 600 PjPi PSP° PrPsP±Cf.

PµC-P±CfPjC-P°P»PîC-Cf.

P PµPePsPjPµPSPPrPsPIP°PSP° PrPsP·P° PrP»Cf P»C-PeCfPIP°PSPSCf
C,,C-P±CfPjC-P°P»PîC-C— CfC,P°PSPsPIPëC,CHb PIC-Pr 300 PrPs 450 PjPi PSP° PrPsP±Cf.
P>C-PeCfPIP°PSPSCf CfP»C-Pr CfPjPsP·PîPsC±PëPSP°C,Pë C-P· P·P°CfC,PsCfCfPIP°PSPSCf
PrPsP·Pë 75 PjPi 2 CfP°P·Pë PSP° PrPsP±Cf (150 PjPi PSP° PrPsP±Cf). P—P°P»PµP¶PSPs PIC-Pr
PµC,,PµPeC,PëPIPSsCfC,C- C,P° PîPµCfPµPSPsCfPëPjPsCfC,C-, PrPsP·Cf PjPsP¶PSP°
P·P±C-P»CHbCëCfPIP°C,Pë PrPs 150 PjPi 2 CfP°P·Pë PSP° PrPsP±Cf (300 PjPi PSP° PrPsP±Cf)
PîCfPjPsC,CfPîPsPj PsPrPSPsPiPs C,PëP¶PSCf. PµP°CfC-C”PSC,P°Pj, PrP»Cf CfPëPëC...
P·P°CfC,PsCfCfPIP°PSPSCf PrPsP·Pë 300 PjPi PSP° PrPsP±Cf C” PSpµPrPsCfC,P°C,PSCHbPs
PµC,,PµPeC,PëPIPSPëPj, PjPsP¶PSP° P·P±C-P»CHbCëPëC,Pë PrPsP·Cf PrPs 225 PjPi 2 CfP°P·Pë
PSP° PrPsP±Cf (450 PjPi PSP° PrPsP±Cf). PîPsC±P° C-CfPSCfC” PrPsCfP»C-PrP¶PµPSPSCf
P·P°CfC,PsCfCfPIP°PSPSCf PrPsP·Pë 600 PjPi PSP° PrPsP±Cf, PrPsPeP°P·C-PI C,PsPiPs, C%oPs
P·P°CfC,PsCfCfPIP°PSPSCf CfC-C”C— PrPsP·Pë P±CfPrPµ PjP°C,Pë PrPsPrP°C,PePsPICf
PîPµCfPµPIP°PîCf, PSpµPjP°C”; C,P°PePsP¶ C,P°PeP° PrPsP·P° PjP°P»P° PîC-CfCëCf
PîPµCfPµPSPsCfPëPjC-CfC,CHb. P’PµCfCfC±Pë PrPs CfPIP°PîPë PrPsP·PsP·P°P»PµP¶PSC-
PîPsP±C-C±PSC- CfPµP°PeCfC-C—, P·P°CfC,PsCfCfPIP°PSPSCf PrPsP· PIPëC%oPµ 450 PjPi
PSP° PrPsP±Cf PSpµ CfPµPePsPjPµPSPPrCfC”C,CHbCfCf. PhCfPeC-P»CHbPePë
PµCfPµPîP°PrPsP» PIPëPIPsPrPëC,CHbCfCf PîPsP»PsPIPSPëPj C±PëPSPsPj PSpëCfPeP°PjPë,
CfP»C-Pr PePsCfPëPîCfPIP°C,Pë PrPsP·Cf PîCfPµPîP°CfP°C,Cf PîP°CfC-C”PSC,P°Pj C-P·
PîPsCfCfCëPµPSPSCfPj C,,CfPSPeCfC-C— PSpëCfPjPsPe.

PµCfPëPîPëPSPµPSPSCf P»C-PeCfPIP°PSPSCf PîCfPµPîP°P±P°P»C-PSPsPj.

P’C-PrPîPsPIC-PrPSPs PrPs CfCfC±P°CfPSPsC— PeP»C-PSC-C±PSPsC— PîCfP°PeC,PëPePë,
PîCfPëPîPëPSCfC,Pë P»C-PeCfPIP°PSPSCf PîCfPµPîP°P±P°P»C-PSPsPj
CfPµPePsPjPµPSPPrCfC”C,CHbCfCf PîPsCfC,CfPîPsPIPs, PîCfPjPsC,CfPîPsPj
C%oPsPSP°PµPjPµPSCëPµ PsPrPSPsPiPs C,PëP¶PSCf PSpµP·P°P»PµP¶PSPs PIC-Pr
PîPsPeP°P·P°PSCf (PrPëPI. CfPjPsP·PrC-P» B«PhCfPsP±P»PëPIC- P·P°C...PsPrPë
P±PµP·PîPµPePëB» C,P° B«PµPsP±C-C±PSC- CfPµP°PeCfC-C—B»).

PµP°CfC-C”PSC,Pë P· PSpëCfPePsPIPsCf PSpµPrPsCfC,P°C,PSC-CfC,CH.

PµCfPµPîP°P±P°P»C-PS PIPëPIPsPrPëC,CHbCfCf P· CfPëCfC,PµPjPSPsPiPs
PeCfPjPsPIPsPsP±C-PîCf Cf PSpµP·PjC-PSpµPSPsPjCf PIPëPîP»CfPPrC- PîPµCfPµPIP°P¶PSPs P·P°
CfP°C...CfPSPsPe PµPeCfPeCfPµCfC-C— PSpëCfPeP°PjPë. PhCfPeC-P»CHbPePë
PeP»C-CfPµPSCf PîCfPµPîP°P±P°P»C-PSCf PîCfCfPjPs PîCfPjPsPîPsCfCfC-PµPSPëPµ
PeP»C-CfPµPSCfCf PeCfPµP°C,PëPSC-PSCf (PrPëPI. CfPjPsP·PrC-P»
B«PµP°CfPjP°PePsPeC-PSpµC,PëPeP°B»), P·PjPµPSCëPµPSPSCf PrPsP·Pë PrP»Cf
PîP°CfC-C”PSC,C-PI P· PîPsCfCfCëPµPSPsCf C,,CfPSPeCfC-C”Cf PSpëCfPjPsPe CfP»C-Pr
PîCfPjPsPIPsPrPëC,Pë C-PSPrPëPIC-PrCfP°P»CHbPSPs, PIC-PrPîPsPIC-PrPSPs PrPs
PeP»C-CfPµPSCfCf PeCfPµP°C,PëPSC-PSCf (CLcr), CfPëPëPµ PIPëP·PSP°C±P°CfC,CHb P·P°
C,,PsCfPjCfP»PsCf:

P'PμP·PiPμPeP° C,P° PμC,,PμPeC,PēPIPSC-Cl'c,Ch P·P°Cl'c,PsCl'c'PIP°PSPSCl
PiC'PμPiP°P±P°P»C-PSCr PrC-C,CllPj (PIC-PePsPj PrPs 18 C'PμPeC-PI) PSPμ
PICl'c,P°PSPsPIP»PμPSC-. Pk'P°Cl'PIPSP° PSP° C†PμPnē C†P°Cl' C-PSC,,PsC'PjP°C†C-Cl
PSP°PIPμPrPμPSP° PI C'PμPs·PrC-P»P°C... B«PαP°C'PjP°PePsPrPēPSP°PjC-PeP°B»,
B«PαP°C'PjP°PePsPeC-PSPμC,PēPeP°B» C,P° B«PμPsP±C-C†PSC- C'PμP°PeC†C-C-B»,
PsPrPSP°Pe, PSP° PsCl'PSPsPIC- C†C-C" C— C-PSC,,PsC'PjP°C†C-C— PSPμPjPsP¶P»PēPIPs
PSP°PrP°C,Pē P¶PsPrPSPēC... C'PμPePsPjPμPSPPrP°C†C-Pnē C%oPsPrPs PrPsP·C'PIP°PSPSCl
C†C-Pnē PeP°C,PμPiPsC'PjC-C— PiP°C†C-C" PSC,C-PI.

PμPμC'PμPrPsP·CzPIP°PSPSCl.

Pk'P°PnēC†P°Cl'c,C-CēPēPjPē PiPsP±C-C†PSPēPjPē C'PμP°PeC†C-ClPjPē Cr C'PμP°C-
PiPμC'PμPrPsP·C'PIP°PSPSCl PiC'PμPiP°P±P°P»C-PSPsPj P±C'P»Pē Cl'PsPSP»PēPIC-Cl'c,Ch,
Cl'PiP»CrC,P°PSC-Cl'c,Ch Cl'PIC-PrPsPjPsCl'c,C-, P·P±C'PrP¶PμPSPSCl C,P°
PSPμCl'PiPsPeC-Pnē. P'P°PePsP¶ PSP°PrC...PsPrPēP»Pē PiPsPIC-PrPsPjP»PμPSPSCl PiC'Pμ
Cl'c'PrPsPjPē. P—C'PjC-PrPeP° PiPsPIC-PrPsPjP»ClP»Pē PiC'Pμ PIPēPiP°PrPePē PePsPjPē.

P>C-PeCzPIP°PSPSCl PiPμC'PμPrPsP·C'PIP°PSPSCl PiC'PμPiP°P±P°P»C-PSPsPj
PiPsP»ClPiP°C" Cr P·P°PiP°P»ChPSPēC... PiC-PrC,C'PjPēPjC'PIP°P»ChPSPēC...
P·P°C...PsPrP°C... C,P° P·P° PiPsC,C'PμP±Pē PjPsP¶Pμ PIPeP»ChC†P°C,Pē PiPμPjPsPrC-P°P»C-P·
(PrPēPI. C'PμPs·PrC-P» B«P'Y'PiPsCl'c-P± P·P°Cl'c,PsCl'c'PIP°PSPSCl C,P° PrPsP·PēB»,
C,P°P±P»PēC†Cl 1).

PμPsP±C-C†PSC- C'PμP°PeC†C-C—.

Pj PeP»C-PSC-C†PSC-Pnē PiC'PμPiC'PμP°PjC- P· PrPsCl'P»C-PrP¶PμPSPSCl
PiC'PμPiP°P±P°P»C-PSCr PnēPsPiPs PsC,C'PjPēPjP°P»Pē PiPsPSP°Pr 8900 PiP°C†C-C" PSC,C-PI, P·
PSPēC... 5600 B' C'c†P°Cl'PSPēPePē PiPsPrPIC-PnēPSPēC... Cl'P»C-PiPēC... PiP»P°C†PμP±Ps-
PePsPSC,C'PμPsP»ChPsPIP°PSPēC... PrPsCl'P»C-PrP¶PμPSCCh. Pk'P°PnēC†P°Cl'c,C-CēPēPjPē
PiPsP±C-C†PSPēPjPē C'PμP°PeC†C-ClPjPē P±C'P»Pē P·P°PiP°PjPsC'PμPsC†PμPSPSCl C-
Cl'PsPSP»PēPIC-Cl'c,Ch. PμPsP±C-C†PSC- C'PμP°PeC†C-C— P·P°P·PIPēC†P°Pnē P±C'P»Pē
P»PμPiPePēPjPē P°P±Ps PiPsPjC-C'PSPēPjPē.

P' CrCl'c-C... PePsPSC,C'PμPsP»ChPsPIP°PSPēC... PrPsCl'P»C-PrP¶PμPSPSClC...
PiPsPeP°P·PSPēPe PIC-PrPjC-PSPē PiC'PμPiP°C'PμP°C,Cr C†PμC'PμP· PiPsP±C-C†PSC-
C'PμP°PeC†C-C— Cl'c,P°PSPsPIPēPI 12 % Cl'PμC'PμPr PiP°C†C-C" PSC,C-PI, ClPeC-
P·P°Cl'c,PsCl'PsPICrPIP°P»Pē PiC'PμPiP°P±P°P»C-PS, C,P° 5 % Cl'PμC'PμPr
PiP°C†C-C" PSC,C-PI, ClPeC- PsC,C'PjPēPjC'PIP°P»Pē PiP»P°C†PμP±Ps.
Pk'P°PnēC†P°Cl'c,C-CēPēPjPē PiPsP±C-C†PSPēPjPē C'PμP°PeC†C-ClPjPē, C%oPs
PiC'PμP·PIPμP»Pē PrPs PIPēPeP»ChC†PμPSPSCl P· PiC'CrPiPē P·P°Cl'c,PsCl'c'PIP°PSPSCl
PiC'PμPiP°P±P°P»C-PSCr, P±C'P»Pē P·P°PiP°PjPsC'PμPsC†PμPSPSCl C,P°
Cl'PsPSP»PēPIC-Cl'c,Ch.

Pk'PēP¶C†Pμ PSP°PIPμPrPμPSC- PICl'c- PiPsP±C-C†PSC- C'PμP°PeC†C-C—, C%oPs
PIPēPSPēPeP°P»Pē C†P°Cl'c,C-CēPμ, PSC-P¶ PiC'PμPē P·P°Cl'c,PsCl'c'PIP°PSPSC-
PiP»P°C†PμP±Ps, C,P° P±C-P»ChCēPμ PSC-P¶ Cr PsPrPSPsPiPs PiP°C†C-C" PSC,P°; C†C-
PiPsP±C-C†PSC- C'PμP°PeC†C-C— P·P°P·PSP°C†PμPSC- P·P° Cl'PēCl'c,PμPjP°PjPē
PsC'PiP°PSC-PI C,P° P·P° C†P°Cl'c,PsC,PsCh: PrCrP¶Pμ C†P°Cl'c,Ps (≥ 1/10); C†P°Cl'c,Ps

(PIC-Pr ≥ 1/100 PrPs < 1/10); PSPμC†P°C†C,Ps (PIC-Pr ≥ 1/1000 PrPs < 1/100); C†C-PrPePs (PIC-Pr ≥ 1/10000 PrPs < 1/1000); PrC†P¶Pμ C†C-PrPePs (< 1/10000); C†P°C†C,PsC,P° PSPμPIC-PrPsPjP° (PSPμ PjPsP¶Pμ P±C†C,Pë PsC†C-PSPμPSP° PSP° PsC†PSPsPIC- PSP°C†P¶PSPëC... PrP°PSPëC...). Pj PePsP¶PSC-PNë PiC†C†P†C- P·P° C†P°C†C,PsC,PsC† PIPëPSPëPePSPμPSPSC† P†PsP±C-C†PSC- C†PμP°PeC†C-C— P†PsPrP°PSPs C† P†PsC†C†P†P†PeC† P·PjPμPSCëPμPSPSC† P†C†PsC†P†C-PI.

P—P°P·PSP°C†PμPSC- P†PsP±C-C†PSC- C†PμP°PeC†C-C— C,P°PePsP¶ PjPsP¶C†C,CH P±C†C,Pë P†PsP†P†C†P·P°PSC- P· P†PμC†PμP±C-P†PsPj PsC†PSPsPIPSPsPiPs P·P°C...PIPSC†C†PIP°PSPSC† C,P°/P°P±Ps C†C†P†C†C,PSC-Pj P·P°C†C,PsC†C†PIP°PSPSC†Pj C-PSCëPëC... P»C-PeP°C†C†CHPePëC... P·P°C†PsP±C-PI.

PμC-Pr C†P°C† P»C-PeC†PIP°PSPSC† PSPμPIC†PsP†P°C,PëC†PSPsPiPs P±PsP»C† C†PμPSC,C†P°P»CHPSPsPiPs P†PsC...PsPrP¶PμPSPSC† PIPSP°C†P»C-PrPsPe C†CëPePsPrP¶PμPSPSC† C†P†PëPSPSPsPiPs PjPsP·PeC† C†P°C†C,PsC,P° PIPëPSPëPePSPμPSPSC† P†PsP±C-C†PSPëC... C†PμP°PeC†C-PNë P·P°PiP°P»PsPj, P†PsP±C-C†PSPëC... C†PμP°PeC†C-PNë P· P±PsPeC† P†P†P† C,P° PsC†PsP±P»PëPIP C†PsPSP»PëPIPSC†C,C- P±C†P»P° P†C-PrPIPëC%PμPSPsC† (PrPëPI. C†PsP·PrC-P» B«P†C†PsP±P»PëPIPSC†C,C- P·P°C†C,PsC†C†PIP°PSPSC†B»).

P°PsPrP°C,PePsPIC- P†PsP±C-C†PSC- C†PμP°PeC†C-C—, P†C†Ps C†PëC- P†PsPIC-PrPsPjP»C†P»Pë P†C-C†P»C† PIPëC...PsPrC† P†C†PμPiP°P±P°P»C-PSC† PSP° C†PëPSPsPe, P†PsP·PSP°C†PμPSPs PeC†C†PëPIPj C† P†C†P°C,,C- B«P†P°C†C,PsC,P° PSPμPIC-PrPsPjP°B».

P†PSC,,PμPeC†C-C— C,P° C-PSPIP°P·C-C—

P†P°C†C,Ps: PSP°P·PsC,,P°C†PëPSPiC-C,.

P†C†PsPI C- P»C-PjC,,P°C,PëC†PSP° C†PëC†C,PμPjP°

P†PμC†P°C†C,Ps: PSPμPNëC,C†PsP†PμPSC-C†.

P†PjC†PSPSP° C†PëC†C,PμPjP°

P†PμC†P°C†C,Ps: PiC-P†PμC†C†C†C,P»PëPIC-C†C,CH.

P C-PrPePs: P°PSPiC-PsPSPμPIC†PsC,PëC†PSPëPNë PSP°P±C†C†Pë, P°P»PμC†PiC-C†PSC- C†PμP°PeC†C-C—, P°PSP°C,,C-P»P°PeC,PsC—PrPSC- C†PμP°PeC†C-C—.

P†PμC,P°P±PsP»C-C†PSC- C†PsP·P»P°PrPë C,P° P†PsC†C†CëPμPSPSC† C,C†PsC,,C-PePë

P†P°C†C,Ps: P†C-PrPIPëC%PμPSPSC† P°P†PμC,PëC,C†.

P†PμC†P°C†C,Ps: PIC,C†P°C,P° P°P†PμC,PëC,C†, PiC-P†PsPiP»C-PePμPjC-C†.

PμC†PëC...C-PeP°

P†P°C†C,Ps: PμPNëC,,PsC†PëC†PSPëPNë PSP°C†C,C†C-PNë, C†P†P»C†C,P°PSC-C†C,CH C†PIC-PrPsPjPsC†C,C-, PrC†P°C,C-PIP»PëPIC-C†C,CH, PrPμP·PsC†C-C”PSC,P°C†C-C†, P±PμP·C†PsPSPSC†, P·PSPëP¶PμPSPSC† P»C-P±C-PrPs.

P†PμC†P°C†C,Ps: PiP°P»C†C†PëPSP°C†C-C—, P†P°PSC-C†PSC- P°C,P°PePë, PSPμC†P†PsPeC-PNë,

P·P±CfPrP¶PµPSPSC¶, PrPµPīC¶PµC¶C-C¶, PīC¶PēPīPSC-C¶PµPSPēPNē PSP°C¶C,C¶C-PNē,
PīC-PrPSPµC¶PµPSPēPNē PSP°C¶C,C¶C-PNē, P°PīC¶PµC¶C-C¶, P·PjC-PSPē PSP°C¶C,C¶PSC¶,
PrPµPīPµC¶C¶PSP°P»C-P·P°C†C-C¶, C¶C,C¶C¶PrPSPµPSPēPNē PrPSP±C-C¶ C¶P»C-PI,
PīP°C,PsP»PsPīC-C¶PSC- C¶PSPsPīPēPrC-PSPSC¶, PīC-PrPīPēC%oPµPSPSC¶ P»C-P±C-PrPs,
P°PSPsC¶PīP°P·PjC-C¶, P°PīP°C,C-C¶.

P C-PrPePs: C¶PSP·PīP°P»CHPjPsPIC¶PīP°PSPSC¶, C¶C¶C—C†PēPrP°P»CHPSPµ
PjPēC¶P»PµPSPSC¶ C,P° PīPsPīPµPrC-PSPeP°.

P§P°C¶C,PsC,P° PSPµPIC-PrPsPjP°: P»C-PeP°C¶C¶CHPeP° P·P°P»PµP¶PSC-C¶C,CH.

PkPµC¶PīPSPiP° C¶PēC¶C,PµPjP°

P”C¶P¶Pµ C¶P°C¶C,Ps: P·P°PīP°PjPsC¶PSC¶PµPSPSC¶, C¶PsPSP»PēPIC-C¶C,CH,
PīPsP»PsPīPSPēPNē P±C-P»CH.

P§P°C¶C,Ps: P°C,P°PeC¶C-C¶, PīPsC¶C¶C¶PµPSPSC¶ PePsPsC¶PrPēPSP°C†C-C—,
C,C¶PµPjPsC¶, PrPēP·P°C¶C,C¶C-C¶, P°PjPSPµP·C-C¶, PīPsC¶C¶C¶PµPSPSC¶
PīP°PjPē™ C¶C,C-, PīPsC¶C¶C¶PµPSPSC¶ C¶PīP°PīPē, PīP°C¶PµC¶C,PµP·C-C¶,
PīC-PīPµC¶C,PµP·C-C¶, C¶PµPrP°C,PēPīPSPēPNē PµC,,PµPeC,, PīPsC¶C¶C¶PµPSPSC¶
C¶C-PīPSPsPīP°PīPē, P»PµC,P°C¶PīC-C¶.

PkPµC¶P°C¶C,Ps: C¶PēPSPePsPīPµ, C¶C,C¶PīPsC¶, PjC-PsPeP»PsPSC-C¶, PIC,C¶P°C,P°
C¶PIC-PrPsPjPsC¶C,C-, PīC¶PēC...PsPjPsC,PsC¶PSP° PīC-PīPµC¶P°PeC,PēPīPSC-C¶C,CH,
PrPēC¶PeC-PSPµP·C-C¶, PīPsC¶C,C¶C¶P°P»CHPSPµ P·P°PīP°PjPsC¶PSC¶PµPSPSC¶,
C-PSC,PµPSC†C-PNēPSPēPNē C,C¶PµPjPsC¶, PSC-C¶C,P°PīPj, PīPsC¶C¶C¶PµPSPSC¶
PePsPīPSC-C,PēPīPSPēC... C,,C¶PSPeC†C-PNē, PīPsC¶C¶C¶PµPSPSC¶ PīC¶PēC...C-PePē,
C¶PSP·P»P°PrPē PjPsPīP»PµPSPSC¶, PīC-PīPsC¶PµC,,P»PµPeC¶C-C¶,
PīC-PīPµC¶PµC¶C,PµP·C-C¶, PIC-PrC¶C¶C,C,C¶ PīPµC¶C-PSPSC¶, P°PīPµPīP·C-C¶,
P·P°PīP°P»CHPSPµ PSPµP·PrC¶P¶P°PSPSC¶, PSP°PīPePsP»PsC¶PSC,PsPīP°
PīP°C¶PµC¶C,PµP·C-C¶, PjC-PsPeP»PsPSC¶C¶.

P C-PrPePs: C¶C¶PrPsPjPē, PīP°C¶PSC¶PjC-C¶, PīC-PīPsPeC-PSPµP·C-C¶,
PrPēC¶PīC¶P°C,,C-C¶, PīC-PīP°P»PīPµP·C-C¶, P·P°P»PµP¶PSC-C¶C,CH, PjPsP·PsC¶PePsPīPēPNē
C¶PēPSPrC¶Pj, C¶PēPSPrC¶Pj P·C¶P±C¶P°C¶C,PsPīPs PePsP»PµC¶P°, PePsPjP°,
PrPµP»C-C¶C-PNē, PµPSC†PµC,,P°P»PsPīP°C,C-C¶, PµPeC¶C,C¶P°PīC-C¶PjC-PrPSPēPNē
C¶PēPSPrC¶Pj, C¶PēPSPrC¶Pj P”C-PNēC”PSP°B¶”P°C¶C¶Pµ,
PīPSC¶C,C¶C-C¶PSC¶PSC¶PµC¶PµPīPSP° PīC-PīPµC¶C,PµPSP·C-C¶, PjP°PSC-P°PeP°P»CHPSC-
C¶PµP°PeC†C-C—, PīP°C¶P°PSPsC—PrPSC- C¶PµP°PeC†C-C—, C¶PSP·P»P°PrPē C¶PSC¶,
PīP°C¶PeC-PSC¶PsPSC-P·Pj.

PkC¶PīP°PSPē P·PsC¶C¶

P§P°C¶C,Ps: PSPµC¶C-C,PeC-C¶C,CH P·PsC¶C¶, PrPēPīP»PsPīC-C¶,
PePsPSB¶™ C¶PSPeC,PēPIC-C,.

PkPµC¶P°C¶C,Ps: PIC,C¶P°C,P° PīPµC¶PēC,,PµC¶PēC¶PSPsPīPs P·PsC¶C¶, PīPsC¶C¶C¶PµPSPSC¶
P·PsC¶C¶, PSP°P±C¶C¶Pe PsC¶PµPNē, PrPµC,,PµPeC,,Pē PīPsP»C¶ P·PsC¶C¶, P·PSPēP¶PµPSPSC¶
PīPsC¶C¶,C¶PSC,Pē P·PsC¶C¶, P±C-P»CH PI PsC¶P°C..., P°C¶C,PµPSPsPīC-C¶,
C,,PsC,PsPīC¶C-C¶, C¶C¶C...C-C¶C,CH PI PsC¶P°C..., PīC-PrPīPēC%oPµPSPµ
C¶P»CHPSP·PsPīPēPrC-P»PµPSPSC¶, PīPsPrC¶P°P·PSPµPSPSC¶ PsC¶PµPNē,
P±P»PµC,,P°C¶PēC,, PīPsC¶C¶C¶PµPSPSC¶ P°PePsPjPsPrP°C†C-C—, PeC¶PSPiPSPiPēP»PēPI PI
PsPePs, C¶PIC-C,P»PsP±PsC¶P·PSC¶, PSP°P±C¶C¶Pe C¶C-C,PeC-PīPePē.

P C-PrPePs: PIC, C₇P^oC, P^o P·PsC₇C₁, PeP_μC₇P^oC, P_ëC,, PsC₁C₁†P_ëP»PsP_iC₁C₁-C₁, P·P_jC-PSP^o
P·PsC₇PsPIP_sPiPs C₁P_iC₇P_ëPN_ëPSC₁C, C, C₁ PiP»P_ëP±P_ëPSP_ë, P_jC-PrC₇C-P^oP·,
C₁C, C₇P^oP±C-P·P_j, P·PsC₇PsPIP^o C₁C₁†PeC₇P^oPIC-C₁C, C₇, P^oPSC-P·PsPePsC₇C-C₁,
PIP_ëC₇P^oP·PeP_ë C₇PsP_iC-PIPeP_ë, P_μPeP·PsC,, C, P^oP»C₇P_j, P_iP^oC₇P^oP»C-C₁ PsC₁†PSP_sPiPs
P_jβ₇TM C₁P·P^o, C-C₇P_ëC,, PeP_μC₇P^oC, PsPePsPSβ₇TM C₇PSP_eC, P_ëPIC-C,, P_jC-PsP·, PSC-C₁†PSP^o
C₁P»C-PiPsC, P^o, PsC,, C, P^oP»C₇P_jPsP_iP»P_μPiC-C₁, P^oC, C₇PsC,, C-C₁ P·PsC₇PsPIP_sPiPs
PSP_μC₇PIP^o, PSP^oP±C₇C₁Pe PrP_ëC₁PeP^o P·PsC₇PsPIP_sPiPs PSP_μC₇PIP^o, PiC, PsP·, C₁PIP_μC-C,,

P_hC₇PiP^oPSP_ë C₁P»C₁C...C₁ C- PIP_μC₁C, P_ëP±C₁P»C₁C₇PSP_ëPN_ë P^oPiP^oC₇P^oC,

P₇P^oC₁C, Ps: PIP_μC₇C, P_ëPiPs.

P₁P_μC₁†P^oC₁C, Ps: PiC-PiP_μC₇P^oPeC₁P·C-C₁.

P₇P_μC₇C†P_μPIP_s-C₁C₁†PrP_ëPSPSP^o C₁P_ëC₁C, P_μP_jP^o

P₁P_μC₁†P^oC₁C, Ps: C, P^oC...C-PeP^oC₇PrC-C₁, P^oC, C₇C-PsPIP_μPSC, C₇P_ëPeC₁P»C₁C₇PSP^o
P±P»PsPeP^oPrP^o PiP_μC₇C_ëPsPiPs C₁C, C₁†PiP_μPSC₁, C₁P_ëPSC₁†C₁PsPIP^o
P±C₇P^oPrP_ëPeP^oC₇PrC-C₁, P·P^oC₁C, C-PN_ëPSP^o C₁P_μC₇C†P_μPIP^o
PSP_μPrPsC₁C, P^oC, PSC-C₁C, C₇, P^oC₇C, P_μC₇C-P^oP»C₇PSP^o PiC-PiPsC, P_μPSP·C-C₁,
P^oC₇C, P_μC₇C-P^oP»C₇PSP^o PiC-PiP_μC₇C, P_μPSP·C-C₁, PiC₇P_ëPiP»P_ëPIP_ë,
PiC-PiP_μC₇P_μP_jC-C₁, PIC-PrC₁†C₁C, C, C₁ C...PsP»PsPrC₁ PI PeC-PSC†C-PIPeP^oC....

P C-PrPePs: PiPsPrPsPIP_μPSPSC₁ C-PSC, P_μC₇PIP^oP»C₁ QT, C₁P_ëPSC₁†C₁PsPIP^o
C, P^oC...C-PeP^oC₇PrC-C₁, C₁P_ëPSC₁†C₁PsPIP^o P^oC₇P_ëC, P_jC-C₁.

P_μPsPsPrP_ëPSP_sPeC-: C₁P_ëPSC₁†C₁PsPIP^o C, P^oC...C-PeP^oC₇PrC-C₁, C₁P_ëPSC₁†C₁PsPIP^o
P±C₇P^oPrP_ëPeP^oC₇PrC-C₁, C₁P_ëPSC₁†C₁PsPIP^o P^oC₇P_ëC, P_jC-C₁, PIC-PrC₁†C₁C, C, C₁
C...PsP»PsPrC₁ C₁ PeC-PSC†C-PIPeP^oC....

P₇P^oC₁C, PsC, P^o PSP_μPIC-PrPsP_jP^o: P·P^oC₁C, C-PN_ëPSP^o C₁P_μC₇C†P_μPIP^o
PSP_μPrPsC₁C, P^oC, PSC-C₁C, C₇, PiPsPrPsPIP_μPSPSC₁ C-PSC, P_μC₇PIP^oP»C₁ QT.

P^oP_ëC...P^oP»C₇PSP^o C₁P_ëC₁C, P_μP_jP^o

P₇P^oC₁C, Ps: C,, P^oC₇P_ëPSPiPsP»P^oC₇P_ëPSPiP_μP^oP»C₇PSP_ëPN_ë P±C-P»C₇.

P₁P_μC₁†P^oC₁C, Ps: P·P^oPrP_ëC_ëPeP^o, PSP_sC₁PsPIP^o PeC₇PsPIP_sC, P_μC₁†P^o, PeP^oC_ëP_μP»C₇,
P·P^oPeP»P^oPrP_μPSC-C₁C, C₇ PSP_sC₁P^o, C₇P_ëPSC-C,, C...C₇PsP_iC-PSPSC₁, C₁C₁†C...C-C₁C, C₇
C₁P»P_ëP·PsPIP_sC— PsP±PsP»PsPSP_eP_ë PSP_sC₁P^o.

P C-PrPePs: PSP^oP±C₇C₁Pe P»P_μPiP_μPSC₇, PIC-PrC₁†C₁C, C, C₁ C₁C, P_ëC₁†PSP_μPSPSC₁ PI
PiPsC₇P»C-, P»P^oC₇P_ëPSPiPsC₁PiP^oP·P_j, P^oPiPSP_sP_μ, P^oC, P_μP»P_μPeC, P^oP·,
P±C₇PsPSC...C-PsP»C-C,, PiP_ëPeP^oPIPeP^o, C,, C-P±C₇PsP· P»P_μPiP_μPSC-PI,
PiPsP·C-C...P^oPSPSC₁.

P₇P^oC₁C, PsC, P^o PSP_μPIC-PrPsP_jP^o: PSP^oP±C₇C₁Pe P»P_μPiP_μPSC-PI.

P₇C₇P^oPIPSP_ëPN_ë C, C₇P^oPeC,

P₇P^oC₁C, Ps: P±P»C₇PIP^oPSPSC₁, PSC₁†PrPsC, P^o, P·P^oPiPsC₇, PrC-P^oC₇P_μC₁,
P_jP_μC, P_μPsC₇P_ëP·P_j, P·PrC₁†C, C, C₁ P₁P_ëPIP_sC, P^o, C₁C₁†C...C-C₁C, C₇ C₁ C₇PsC, C-,
PiP^oC₁C, C₇PsP_μPSC, P_μC₇P_ëC,.

P C-PrPePs: PSPëCĤPePsPIP° PSPµPrPsCĪC,P°C,PSC-CĪC,CHĤ, PsP»C-PiCfCĤC-CĪ,
P·P°C,CĤPëPjPeP° CĪPµC‡C-, PiPsCĪC,CĤP° PSPëCĤPePsPIP° PSPµPrPsCĪC,P°C,PSC-CĪC,CHĤ,
PiP»PsPjPµCĤCfP»PsPSPµC,,CĤPëC,, PiC-C”P»PsPSPµC,,CĤPëC,,

P PµPīCĤPsPrCfPeC,PëPIPSP° CĪPëCĪC,PµPjP° C,P° PjPsP»PsC‡PSC- P·P°P»PsP·Pë

PŞP°CĪC,Ps: PµCĤPµPeC,PëP»CHĤPSP° PrPëCĪC,,CfPSPeC†C-CĪ, C-PjPiPsC,PµPSC†C-CĪ.

PkPµC‡P°CĪC,Ps: CĪC,P°C,PµPIP° PrPëCĪC,,CfPSPeC†C-CĪ, P·P°C,CĤPëPjPeP°
PµCĪPeCfP»CĪC†C-C—, PrPëCĪPjPµPSPsCĤPµCĪ, P±C-P»CHĤ Cf PjPsP»PsC‡PSPëC...
P·P°P»PsP·P°C..., P»PµPNëPePsCĤPµCĪ, PjPµPSPsCĤP°PiC-CĪ, PjPµC,CĤPsCĤP°PiC-CĪ.

P C-PrPePs: P°PjPµPSPsCĤPµCĪ, PIPëPrC-P»PµPSPSCĪ P· PjPsP»PsC‡PSPëC... P·P°P»PsP·,
P·P±C-P»CHĤCεPµPSPSCĪ PjPsP»PsC‡PSPëC... P·P°P»PsP·, PiC-PSPµPePsPjP°CĪC,C-CĪ,
C†PµCĤPIC-C†PëC,, P±P°P»P°PSC-C,, PµPiC-PrPëPrPëPjC-C,.

P—P°PiP°P»CHĤPSC- CĤPsP·P»P°PrPë C,P° CĤPµP°PeC†C-C— Cf PjC-CĪC†C- PIPiPµPrPµPSPSCĪ

PŞP°CĪC,Ps: PīPµCĤPëC,,PµCĤPëC‡PSPëPNë PSP°P±CĤCĪPe, PSP°P±CĤCĪPe,
PiPsCĤCfCεPµPSPSCĪ C...PsPrPë, PīP°PrC-PSPSCĪ, PIC-PrC‡CfC,C,CĪ
CĪPīBĤ™ CĪPSC-PSPSCĪ, PSPµP·PIPëC‡P°PNëPSC- PIC-PrC‡CfC,C,CĪ, PiC-PrPIPëC%oPµPSP°
PIC,PsPjP»CĤPIP°PSC-CĪC,CHĤ.

PkPµC‡P°CĪC,Ps: PiPµPSPµCĤP°P»C-P·PsPIP°PSPëPNë PSP°P±CĤCĪPe, PSP°P±CĤCĪPe
PsP±P»PëC‡C‡CĪ, PIC-PrC‡CfC,C,CĪ CĪC,PëCĪPSPµPSPSCĪ Cf PiCĤCfPrCĪC..., P±C-P»CHĤ,
PiC-CĤPµPeCĪC-CĪ, CĪPīCĤP°PiP°, PsP·PSPsP±, P°CĪC,PµPSC-CĪ, PIC-PrC‡CfC,C,CĪ
PSPµP·PrCfP¶P°PSPSCĪ, P°P±CĪC†PµCĪ, P·P°PiP°P»PµPSPSCĪ P¶PëCĤPsPIPsC—
C,PeP°PSPëPSPë, CĤPµP°PeC†C-C— C,,PsC,PsC‡CfC,P»PëPIPsCĪC,C-.

P C-PrPePs: PiCĤP°PSCfP»CHĤPsPjP°, CfPjPëCĪPSPµ P·P°PiPsPrC-CĪPSPSCĪ CεPePsPrPë,
P·P°PsC‡PµCĤPµPIPëPSPSPëPNë C,,C-P±CĤPsP·, CεPsPe.

P»P°P±PsCĤP°C,PsCĤPSC- PrPsCĪP»C-PrP¶PµPSPSCĪ

PŞP°CĪC,Ps: P·P±C-P»CHĤCεPµPSPSCĪ PjP°CĪPë C,C-P»P°.

PkPµC‡P°CĪC,Ps: P·P±C-P»CHĤCεPµPSPSCĪ CĤC-PIPSĪCĪ
PeCĤPµP°C,PëPSC,,PsCĪC,,PsPeC-PSP°P·Pë PI PeCĤPsPIC-, P·P±C-P»CHĤCεPµPSPSCĪ
CĤC-PIPSĪCĪ PiP»CĤPePsP·Pë PI PeCĤPsPIC-, P·PjPµPSCεPµPSPSCĪ PeC-P»CHĤPePsCĪC,C-
C,CĤPsPjP±PsC†PëC,C-PI, P·P±C-P»CHĤCεPµPSPSCĪ CĤC-PIPSĪCĪ PeCĤPµP°C,PëPSC-PSCf PI
PeCĤPsPIC-, P·PjPµPSCεPµPSPSCĪ CĤC-PIPSĪCĪ PeP°P»C-CĤ PI PeCĤPsPIC-,
P·PjPµPSCεPµPSPSCĪ PjP°CĪPë C,C-P»P°.

P C-PrPePs: P·PjPµPSCεPµPSPSCĪ CĤC-PIPSĪCĪ P»PµPNëPePsC†PëC,C-PI Cf PeCĤPsPIC-.

* P—P±C-P»CHĤCεPµPSPSCĪ CĤC-PIPSĪCĪ P°P»P°PSC-PSP°PjC-PSPsC,CĤP°PSCĪC,,PµCĤP°P·Pë (PĥPÿPÿ)
(PĥPÿPÿ) C,P° P°CĪPīP°CĤC,P°C,P°PjC-PSPsC,CĤP°PSCĪC,,PµCĤP°P·Pë (PĥPÿPÿ).

Pj PrPµCĪPePëC... PīP°C†C-C”PSC,C-PI PīC-CĪP»CĪ PīCĤPëPīPëPSPµPSPSCĪ
PePsCĤPsC,PePsCĪC,CĤPsPePsPIPsC— P°P±Ps C,CĤPëPIP°P»PsC— C,PµCĤP°PiC-C—
PīCĤPµPiP°P±P°P»C-PSPsPj CĪPīPsCĪC,PµCĤC-PiP°P»PëCĪCĪ CĪPëPjPiC,PsPjPë
PIC-PrPjC-PSPë. PµPsPIC-PrPsPjP»CĪP»Pë PiCĤPs C,P°PeC- CĪPIPëC%oP°: P±PµP·CĪPsPSPSCĪ,
PiPsP»PsPIPSPëPNë P±C-P»CHĤ, PSCfPrPsC,P°, C,CĤPëPIPSP¶PSC-CĪC,CHĤ, PrC-P°CĤPµCĪ,

PiCḡPëPìPsPìPsPrC-P±PSPëPñe CíPëPSPPrCḡPsPj, PSPµCḡPIPSP·PSC-CíC,CH,
PrPµPìCḡPµCíC-Cí, CíCfC—C†PëPrP°P»CHPSC- PrCfPjPePë, P±C-P»CH, CíCfPrPsPjPë,
PiC-PìPµCḡPiC-PrCḡPsP· C- P·P°PìP°PjPsCḡPsC†PµPSPSCí, CíPeC- PìPeP°P·CfCḡC,CH PSP°
C,,C-P·PëC†PSCf P·P°P»PµP¶PSC-CíC,CH. PìCḡ C-PSC,,PsCḡPjP°C†C-Cḡ CíP»C-Pr
PìPsPIC-PrPsPjPëC,Pë PìP°C†C-C”PSC,Cf PìPµCḡPµPr PìPsC†P°C,PePsPj C,PµCḡP°PìC-C—.

P”P°PSC- C%oPsPrPs PIC-PrPjC-PSPë PìCḡPµPìP°P±P°P»C-PSCf PìC-CíP»Cí
C,CḡPëPIP°P»PsPìPs P·P°CíC,PsCíCfPìP°PSPSCí PìPeP°P·CfCḡC,CH PSP° C,Pµ, C%oPs
C†P°CíC,PsC,P° PìPëPSPëPePSPµPSPSCí C,P° CíC,CfPìC-PSCḡ C,CíP¶PèPsCíC,C-
CíPëPjPìC,PsPjC-PI PIC-PrPjC-PSPë PjPsP¶CfC,CH P±CfC,Pë PrPsP·PsP·P°P»PµP¶PSPëPjPë.

P”C-C,Pë. PµCḡPsC,,C-P»CH P±PµP·PìPµPePë PìCḡPµPìP°P±P°P»C-PSCf,
PICíC,P°PSPsPìP»PµPSPëPñe Cí C...PsPrC- C†PsC,PëCḡCHPsC... PrPsCíP»C-PrP¶PµPSCḡ,
PìCḡPsPìPµPrPµPSPëC... P· CfC†P°CíC,Cḡ PìPµPrC-P°C,CḡPëC†PSPëC... PìP°C†C-C”PSC,C-PI P·
PìP°CḡC†C-P°P»CHPSPëPjPë CíCfPrPsPjPSPëPjPë PSP°PìP°PrP°PjPë P· PIC,PsCḡPëPSPSPsCḡ
PìPµPSPµCḡP°P»C-P·P°C†C-C”Cḡ P°P±Ps P±PµP· PSPµC— (12-C,PëP¶PSPµPìPµ
PrPsCíP»C-PrP¶PµPSPSCí PµC,,PµPeC,PëPìPSPsCíC,C- C,P° P±PµP·PìPµPePë Cí
PìP°C†C-C”PSC,C-PI PIC-PèPsPj PIC-Pr 4 PrPs 16 CḡPsPeC-PI, n=295; 14-PrPµPSPSPµ
PrPsCíP»C-PrP¶PµPSPSCí PµC,,PµPeC,PëPìPSPsCíC,C- C- P±PµP·PìPµPePë Cí
PìP°C†C-C”PSC,C-PI PIC-PèPsPj PIC-Pr 1 PjC-CíCíC†Cí PrPs 4 CḡPsPeC-PI, n=175;
PrPsCíP»C-PrP¶PµPSPSCí C,,P°CḡPjP°PePsPeC-PSPµC,PëPePë C,P°
PìPµCḡPµPSPsCíPëPjPsCíC,C- PìCḡPµPìP°CḡP°C,Cf, n=65 C,P° PIC-PrPeCḡPëC,Pµ
PrPsCíP»C-PrP¶PµPSPSCí P±PµP·PìPµPePë C,CḡPëPIP°P»C-CíC,Cḡ 1 CḡC-Pe, n=54), P±CfPI
PìPsPrC-P±PSPëPñe PrPs PìCḡPsC,,C-P»Cḡ, CíPèPëPñe CíPìPsCíC,PµCḡC-PìP°PICíCí PI
PrPsCíP»C-PrP¶PµPSPSCíC... Cí PrPsCḡPsCíP»PëC... PìP°C†C-C”PSC,C-PI P·
PµPìC-P»PµPìCíC-C”Cḡ. PkP°PñeP±C-P»CHC€ PìPsC€PëCḡPµPSPëPjPë PìPsP±C-C†PSPëPjPë
CíPìPèC%oP°PjPë, C%oPs CíPìPsCíC,PµCḡC-PìP°P»PëCíCḡ Cí 12-C,PëP¶PSPµPìPµPjCf
PrPsCíP»C-PrP¶PµPSPSC- C,PµCḡP°PìC-C— PìCḡPµPìP°P±P°P»C-PSPsPj, P±CfP»Pë
CíPsPSP»PëPIC-CíC,CH, PìC-CḡPµPeCíC-Cí, C-PSC,,PµPeC†C-C— PìPµCḡC...PSC-C...
PrPëC...P°P»CHPSPëC... C€P»CíC...C-PI, PìC-PrPìPèC%oPµPSPSCí P°PìPµC,PëC,Cf,
P·P±C-P»CHC€PµPSPSCí PjP°CíPë C,C-P»P° C,P° PSP°P·PsC,,P°CḡPëPSPìC-C,,
PkP°PñeP±C-P»CHC€ PìPsC€PëCḡPµPSPëPjPë PìPsP±C-C†PSPëPjPë CíPìPèC%oP°PjPë, C%oPs
CíPìPsCíC,PµCḡC-PìP°P»PëCíCḡ Cí 14-PrPµPSPSPsPjCf PrPsCíP»C-PrP¶PµPSPSC-
C,PµCḡP°PìC-C— PìCḡPµPìP°P±P°P»C-PSPsPj, P±CfP»Pë CíPsPSP»PëPIC-CíC,CH,
C-PSC,,PµPeC†C-C— PìPµCḡC...PSC-C... PrPëC...P°P»CHPSPëC... C€P»CíC...C-PI C-
PìC-CḡPµPeCíC-Cí (PrPëPI. CḡPsP·PrC-P»Pë B«PÿPìPsCíC-P± P·P°CíC,PsCíCfPìP°PSPSCí
C,P° PrPsP·PëB», B«PαP°CḡPjP°PePsPrPëPSP°PjC-PeP°B» C,P°
B«PαP°CḡPjP°PePsPeC-PSPµC,PëPeP°B»).

PµPsPIC-PrPsPjP»PµPSPSCí PìCḡPs PìC-PrPsP·CḡCḡPìP°PSC- PìPsP±C-C†PSC-
CḡPµP°PeC†C-C—

PµPsPIC-PrPsPjP»PµPSPSCí PìCḡPs PìPsP±C-C†PSC- CḡPµP°PeC†C-C— PìC-CíP»Cí
CḡPµC”CíC,CḡP°C†C-C— P»C-PeP°CḡCíCḡPePsPìPs P·P°CíPsP±Cf PjP°C” PìP°P¶P»PëPìPµ
P·PSP°C†PµPSPSCí. PìPµ PrP°C” P·PjPsPìCf PìCḡPsPìPsPrPëC,Pë PjPsPSC-C,PsCḡPëPSPì
CíPìC-PìPIC-PrPSPsC€PµPSPSCí PePsCḡPëCíC,CH/CḡPëP·PëPe PìCḡPë
P·P°CíC,PsCíCfPìP°PSPSC- C†CHPsPìPs P»C-PeP°CḡCíCḡPePsPìPs P·P°CíPsP±Cf.
PñPµPrPëC†PSPëPj C,P° C,,P°CḡPjP°C†PµPIC,PëC†PSPëPj PìCḡP°C†C-PìPSPëPeP°Pj, P°

C, P°PePsP¶ PīP°C†C-C" PSC, P°Pj P°P±Ps C—C... PSC-Pj P·P°PePsPSPSPëPj
PīCḡPμPrC†C, P°PIPSPëPeP°Pj C†P»C-Pr PīPsPIC-PrPsPjP»C†C, Pë PīCḡPs CrC†C-
PIPëPīP°PrPePë PīC-PrPsP·CḡCḡPIP°PSPëC... PīPsP±C-C†PSPëC... CḡPμP°PeC†C-PNë C, P°
PIC-PrC†C†C, PSPsC†C, C- PμC,, PμPeC, PëPIPSPsC†C, C- P»C-PeP°CḡC†CḡPePsPiPs P·P°C†PsP±C†
C†PμCḡPμP· PḡPIC, PsPjP°C, PëP·PsPIP°PSC† C-PSC,, PsCḡPjP°C†C-PNëPSC† C†PëC†C, PμPjC†
C,, P°CḡPjP°PePsPSP°PīP»C†PrC† P·P° PīPsC†PëP»P°PSPSC†Pj: <https://P°C-sf.dec.gov.ua>.

PḡPμCḡPjC-PS PīCḡPëPrP°C, PSPsC†C, C-.

PḡP°PīC†C†P»Pë PīPs 75 PjPi, 150 PjPi. 2 CḡPsPePë.

PḡP°PīC†C†P»Pë PīPs 300 PjPi. 3 CḡPsPePë.

PjPjPsPIPë P·P±PμCḡC-PiP°PSPSC†.

P' PsCḡPëPiC-PSP°P»CḡPSC-PNë C†PīP°PePsPIC†C- PīCḡPë C, PμPjPīPμCḡP°C, C†CḡC- PSPμ
PIPëC%oPμ 25 °Pḡ.

P—P±PμCḡC-PiP°C, Pë PI PSPμPrPsC†C, C†PīPSPsPjC† PrP»C† PrC-C, PμPNë PjC-C†C†C-.

PjPīP°PePsPIPëP°.

PḡP°PīC†C†P»Pë PīPs 75 PjPi, 150 PjPi. PμPs 10 PeP°PīC†C†P» C† P±P»C-C†C, PμCḡC-, PīPs 3
P°P±Ps 6 P±P»C-C†C, PμCḡC-PI C† PīP°C†C†C-.

PḡP°PīC†C†P»Pë PīPs 300 PjPi. PμPs 10 PeP°PīC†C†P» C† P±P»C-C†C, PμCḡC-, PīPs 3
P±P»C-C†C, PμCḡPë C† PīP°C†C†C-.

PḡP°C, PμPiPsCḡC-C† PIC-PrPīC†C†PëC†. P—P° CḡPμC†PμPīC, PsPj.

P'PëCḡPsP±PSPëPe.

PμC†P±P»C-C†PSPμ P°PeC†C-PsPSPμCḡPSPμ C, PsPIP°CḡPëC†C, PIPs B«PḡP°C†PePsPIP-
PIPëCḡPsP±PSPëC†PëPNë C†PμPSC, Cḡ B«P'PsCḡC%oP°PiC-PIC†CḡPePëPNë C...C-PjC-PePs-
C,, P°CḡPjP°C†PμPIC, PëC†PSPëPNë P·P°PIPPrB».

**PḡC-C†C†PμP·PSP°C...PsPrP¶PμPSPSC† PIPëCḡPsP±PSPëPeP° C, P° P°PrCḡPμC†P°
PjC-C†C†C† PīCḡPsPIP°PrP¶PμPSPSC† PNëPsPiPs PrC-C†P»CḡPSPsC†C, C-.**

PjPeCḡP°C—PSP°, 03134, Pj. PḡPëC—PI, PIC†P». PḡPëCḡC†, 17.