

$C, P^{\circ}P \pm P \gg P\mu C, PeP\ddot{e} \quad PiPs \quad 15 \quad PjPi: \quad PeC\bar{H}CrPiP \gg C- \quad C, P^{\circ}P \pm P \gg P\mu C, PeP\ddot{e} \quad P\Pi PsPIC, PsPiPs$
 $PePsP \gg CHbPsC\bar{H}Cr \quad P \cdot \quad C, P\ddot{e}C\bar{I}PSP\mu PSPSC\Pi Pj \quad B \ll 15B \gg \quad P \cdot \quad PsPrPSPsPiPs \quad P \pm PsPeCr;$
 $PrPsPiCrC\bar{I}PeP^{\circ}C \quad C, CHC\bar{I}C\Pi \quad PSP^{\circ}C\Pi PIPSC-C\bar{I}C, CH \quad PIPeC\bar{H}P^{\circ}PiP \gg P\mu PSCHb;$

*C,P°P±P»PμC,PePë PiPs 30 PjPi: PeCḡCfPiP»C- C,P°P±P»PμC,PePë CḡPsP¶PμPIPsPiPs
PePsP»CHḡPsCḡCf P· C,PëCḡPSPμPSPSCḡPj B«30B» P· PsPrPSPsPiPs P±PsPeCf;
PrPsPiCfCḡPeP°C”C,CHḡCḡCḡ PSP°CḡPIPSC-CḡC,CHḡ PIPeCḡP°PiP»PμPSCḡ.*

PαP°CḡPjP°PePsC,PμCḡP°PiPμPIC,PëC±PSP° PiCḡCfPiP°.

PḡPSC,PëPiCḡPëC...PsC,PëC±PSC- P·P°CḡPsP±Pë. PḡPsPr PḡPḡPḡ N05A X12.

PαP°CḡPjP°PePsP»PsPiC-C±PSC- PIP»P°CḡC,PëPIPsCḡC,C-.

PαP°CḡPjP°PePsPrPëPSP°PjC-PeP°.

*PḡPμCḡP°PiPμPIC,PëC±PSP° PrC-Cḡ P°CḡPëPiC-PiCḡP°P·PsP»Cf PiCḡPë
C€PëP·PsC,,CḡPμPSC-C— P·CfPjPsPIP»PμPSP° CḡPiPsP»CfC±PμPSPSCḡPj C±P°CḡC,PePsPIPsC—
P°PiPsPSC-CḡC,PëC±PSPsC— P°PeC,PëPIPSPsCḡC,C- PIC-PrPSPsCḡPSPs D2-
PrPsC,,P°PjC-PSPsPIPëC... C- 5HT1_a-CḡPμCḡPsC,PsPSC-PSPsPIPëC... CḡPμCḡPμPiC,PsCḡC-PI C-
P°PSC,P°PiPsPSC-CḡC,PëC±PSPsCḡ P°PeC,PëPIPSC-CḡC,Cḡ PIC-PrPSPsCḡPSPs 5HT2
CḡPμCḡPsC,PsPSC-PSPsPIPëC... CḡPμCḡPμPiC,PsCḡC-PI.*

*PḡCḡPëPiC-PiCḡP°P·PsP» PjP°C” PIPëCḡPsPeCf P°C,,C-PSPSC-CḡC,CHḡ in vitro PrPs D2- C- D3-
PrPsC,,P°PjC-PSPsPIPëC... CḡPμCḡPμPiC,PsCḡC-PI, 5HT1_a- C- 5HT2_a-
CḡPμCḡPsC,PsPSC-PSPsPIPëC... CḡPμCḡPμPiC,PsCḡC-PI C,P° PiPsPjC-CḡPSCf
P°C,,C-PSPSC-CḡC,CHḡ PrPs D4-PrPsC,,P°PjC-PSPsPIPëC..., 5HT2_c- C- 5HT7-
CḡPμCḡPsC,PsPSC-PSPsPIPëC... CḡPμCḡPμPiC,PsCḡC-PI, a1-
P°PrCḡPμPSPsCḡPμCḡPμPiC,PsCḡC-PI C,P° H1-PiC-CḡC,P°PjC-PSPsPIPëC...
CḡPμCḡPμPiC,PsCḡC-PI. PḡCḡPëPiC-PiCḡP°P·PsP» C...P°CḡP°PeC,PμCḡPëP·CfC”C,CHḡCḡCḡ
C,P°PePsP¶ PiPsPjC-CḡPSPsCḡ P°C,,C-PSPSC-CḡC,Cḡ PrPs PrC-P»CḡPSPsPe
P·PIPsCḡPsC,PSPIPs P·P°C...PsPiP»PμPSPSCḡ CḡPμCḡPsC,PsPSC-PSCf C,P°
PIC-PrCḡCfC,PSC-CḡC,Cḡ P°C,,C-PSPSPsCḡC,C- PrPs PjCfCḡPeP°CḡPëPSPsPIPëC...
CḡPμCḡPμPiC,PsCḡC-PI. PḡCḡPëPiC-PiCḡP°P·PsP» PI PμPeCḡPiPμCḡPëPjPμPSC,P°C... PSP°
C,PIP°CḡPëPSP°C... PiCḡPsCḡPIP»CḡPI P°PSC,P°PiPsPSC-P·Pj PIC-PrPSPsCḡPSPs
PrPsC,,P°PjC-PSPμCḡPiC-C±PSPsC— PiC-PiPμCḡP°PeC,PëPIPSPsCḡC,C- C,P° P°PiPsPSC-P·Pj
PIC-PrPSPsCḡPSPs PrPsC,,P°PjC-PSPμCḡPiC-C±PSPsC— PiC-PiPsP°PeC,PëPIPSPsCḡC,C-.
P·P·P°C”PjPsPrC-C”Cḡ PSPμ C,C-P»CHḡPePë P· PrPsC,,P°PjC-PSPsPIPëPjPë C,P°
CḡPμCḡPsC,PsPSC-PSPsPIPëPjPë CḡPμCḡPμPiC,PsCḡP°PjPë PjPsP¶PSP° PiPsCḡCḡPSPëC,Pë
PrPμCḡPeC- PeP»C-PSC-C±PSC- PμC,,PμPeC,Pë P°CḡPëPiC-PiCḡP°P·PsP»Cf. ^B*

PαP°CḡPjP°PePsPeC-PSPμC,PëPeP°.

*PḡPeC,PëPIPSC-CḡC,CHḡ PiCḡPμPiP°CḡP°C,Cf P·CfPjPsPIP»PμPSP° PrC-CḡC±PsCḡ
CḡPμCḡPsPIPëPSPsCḡ Bḡ” P°CḡPëPiC-PiCḡP°P·PsP»PsPj. PḡPμCḡPμPrPSC-PNḡ PiPμCḡC-PsPr
PSP°PiC-PIPIPëPIPμPrPμPSPSCḡ P°CḡPëPiC-PiCḡP°P·PsP»Cf CḡC,P°PSPsPIPëC,CHḡ
PiCḡPëP±P»PëP·PSPs 75 PiPsPrPëPS. P C-PIPSPsPIP°P¶PSP° PePsPSCḡPμPSC,CḡP°CḡC-Cḡ
PrPsCḡCḡPiP°C”C,CHḡCḡCḡ C±PμCḡPμP· 14 PrPSC-PI. PḡCfPjCfP»CḡCḡC-Cḡ
PiCḡPμPiP°CḡP°C,Cf PiCḡPë P±P°PiP°C,PsCḡP°P·PsPIPsPjCf PiCḡPëPNḡPsPjC-
PiPμCḡPμPrP±P°C±CfPIP°PSP°. PμPsPeP°P·PSPëPePë C,,P°CḡPjP°PePsPeC-PSPμC,PëPePë
P°CḡPëPiC-PiCḡP°P·PsP»Cf Cf CḡC-PIPSPsPIP°P¶PSPsPjCf CḡC,P°PSC-
PiCḡPsPiPsCḡCḡC-PNḡPSC- PrPsP·C-. PḡPμ PIC-PrP·PSP°C±PμPSPs PrPsP±PsPIPëC...*

PePsP»PëPIP°PSCĤ CĤPsP·PīPsPrC-P»Cř P°CĤPëPīC-PīCĤP°P·PsP»Cř C- PNēPsPiPs
 PjPμC,P°P±PsP»C-C,Cř PrPμPiC-PrCĤPsP°CĤPëPīC-PīCĤP°P·PsP»Cř. P'ĆĬC,P°PSPsPIP»PμPSPs,
 C%oPs PiPsP»PsPIPSPëPNē PjPμC,P°P±PsP»C-C, PīCĤPμPīP°CĤP°C,Cř Cř PīP»P°P·PjC- PeCĤPsPIC-
 P»CĤPrPëPSPë, PrPμPiC-PrCĤPsP°CĤPëPīC-PīCĤP°P·PsP», PjP°C" C,P°PeCř P¶
 P°C,,C-PSPSC-ĆĬC,ĤĤ PrPs D₂-PrPsC,,P°PjC-PSPsPIPëC... CĤPμC†PμPīC,PsCĤC-PI, CĬPe C-
 P°CĤPëPīC-PīCĤP°P·PsP».

PĤCĤPëPīC-PīCĤP°P·PsP» CēPIPëPrPePs PICĬPjPsPeC,CřC"C,ĤĤĆĬCĬ PīC-ĆĬP»CĬ
 PīCĤPëPNēPsPjCř. PĤP°PeCĬPëPjP°P»ĤĤPSP° PePsPSC†PμPSC,CĤP°C†C-CĬ (PŸ_{max})
 P°CĤPëPīC-PīCĤP°P·PsP»Cř Cř PīP»P°P·PjC- PeCĤPsPIC- PrPsCĬCĬPīP°C"C,ĤĤĆĬCĬ
 C†PμCĤPμP· 3-5 PiPsPrPëPS. PĤP±CĬPsP»ĤĤC,PSP° P±C-PsPrPsCĬC,CřPīPSC-ĆĬC,ĤĤ
 PīCĤPμPīP°CĤP°C,Cř CĬC,P°PSPsPIPëC,ĤĤ 87 %. PμCĤPëPNēPsPj C-P¶C- PSP°
 P±C-PsPrPsCĬC,CřPīPSC-ĆĬC,ĤĤ P°CĤPëPīC-PīCĤP°P·PsP»Cř PSPμ PIPīP»PëPIP°C".

PμCĤPë C,PμCĤP°PīPμPIC,PëC†PSC-PNē PePsPSC†PμPSC,CĤP°C†C-C— PīPsPSP°Pr 99 %
 P°CĤPëPīC-PīCĤP°P·PsP»Cř P·PIĤĤ™ CĬP-CřC"C,ĤĤĆĬCĬ P· P±C-P»PeP°PjPë
 CĬPëCĤPsPIP°C,PePë PeCĤPsPIC-, PiPsP»PsPIPSPëPj C†PëPSPsPj P· P°P»ĤĤP±CřPjC-PSPsPj.
 PĤCĤPëPīC-PīCĤP°P·PsP» PīC-PrPrP°C"C,ĤĤĆĬCĬ PīCĤPμCĬPëCĬC,PμPjPSPsPjCř
 PjPμC,P°P±PsP»C-P·PjCř P»PëCēPμ PjC-PSC-PjP°P»ĤĤPSPs. PĤCĤPëPīC-PīCĤP°P·PsP»
 PjPμC,P°P±PsP»C-P·CřC"C,ĤĤĆĬCĬ Cř PīPμC†C-PSC†C- C,CĤĤĤPsPjP° CĬPīPsCĬPsP±P°PjPë:
 PrPμPiC-PrCĤCřPIP°PSPSCĬPj, PiC-PrCĤPsPeCĬPëP»ĤĤPIP°PSPSCĬPj C,P°
 N-PrPμP·P°P»PeC-P»CřPIP°PSPSCĬPj. P—P° PrP°PSPëPjPë PμPeCĬPīPμCĤPëPjPμPSC,C-PI
in vitro, PrPμPiC-PrCĤCřPIP°PSPSCĬ C,P° PiC-PrCĤPsPeCĬPëP»ĤĤPIP°PSPSCĬ
 P°CĤPëPīC-PīCĤP°P·PsP»Cř PIC-PrP±CřPIP°C"C,ĤĤĆĬCĬ PīC-Pr PrC-C"CĤ
 C,,PμCĤPjPμPSC,C-PI CYP3A4 C- CYP2D6, P° N-PrPμP·P°P»PeC-P»CřPIP°PSPSCĬ
 PeP°C,P°P»C-P·CřC"C,ĤĤĆĬCĬ C,,PμCĤPjPμPSC,PsPj CYP3A4. PĤCĤPëPīC-PīCĤP°P·PsP» C"
 PsCĬPSPsPIPSPëPj PePsPjPīPsPSPμPSC,PsPj PīCĤPμPīP°CĤP°C,Cř PI PeCĤPsPIC-. Pj
 CĤC-PIPSPsPIP°P¶PSPsPjCř CĬC,P°PSC- PīP»PsC%oP° PīC-Pr PeCĤPëPIPSCĤ
 B«PePsPSC†PμPSC,CĤP°C†C-CĬ-C†P°CĬB» (AUC) PrPμPiC-PrCĤPsP°CĤPëPīC-PīCĤP°P·PsP»Cř Cř
 PīP»P°P·PjC- PeCĤPsPIC- CĬC,P°PSPsPIPëC,ĤĤ P±P»PëP·ĤĤPePs 39 % PIC-Pr AUC
 P°CĤPëPīC-PīCĤP°P·PsP»Cř.

PμC-ĆĬP»CĬ PsPrPSPsCĤP°P·PsPIPsPiPs PīCĤPëPNēPsPjCř PjC-C†PμPSPsPiPs [¹⁴C]
 P°CĤPëPīC-PīCĤP°P·PsP»Cř PīCĤPëP±P»PëP·PSPs 27 % C- 60 %
 CĤP°PrC-PsP°PeC,PëPIPSPsCĬC,C- PIPëP·PSP°C†P°C"C,ĤĤĆĬCĬ PI CĬPμC†C- C- PeP°P»C-
 PIC-PrPīPsPIC-PrPSPs. PĤPμPSCēPμ 1 % PSPμP·PjC-PSPμPSPsPiPs P°CĤPëPīC-PīCĤP°P·PsP»Cř
 PIPëP·PSP°C†P°C"C,ĤĤĆĬCĬ PI CĬPμC†C- C- PīCĤPëP±P»PëP·PSPs 18 % PīCĤPëPNēPSCĬC,PsC—
 PrPsP·Pë PI PSPμP·PjC-PSPμPSPsPjCř PIPëPiP»CĬPrC- PIPëPIPsPrPëC,ĤĤĆĬCĬ P· PeP°P»PsPj.
 P—P°PīP°P»ĤĤPSPëPNē PeP»C-CĤPμPSCĬ P°CĤPëPīC-PīCĤP°P·PsP»Cř CĬC,P°PSPsPIPëC,ĤĤ
^B 0,7 PjP»/C...PI/PePi, PiPsP»PsPIPSPëPj C†PëPSPsPj P·P° CĤP°C...CřPSPsPe PIPëPIPμPrPμPSPSCĬ
 PīPμC†C-PSPePsCĤ.

РљР»С-РSC-С†РSC- С...Р°СĤР°РeС,РμСĤРëСĬС,РëРeРë.

РμРsРeР°Р·Р°РSPSCĬ.

Р"РsСĤРsСĬР»С-.

Р>С-РeСřPIP°PSPSCĬ CēPëP·PsC,,CĤPμPSC-C—.

P>C-PeCfPIP°PSPSCl PīPsPjC-CḡPSPëC... C,P° C,CłP¶PēPëC... PjP°PSC-P°PeP°P»CHbPSPëC... PμPīC-P·PsPrC-PI P±C-PīPsP»CłCḡPSPsPiPs CḡPsP·P»P°PrCf P† C,PëPīCf.

PμCḡPsC,,C-P»P°PeC,PëPeP° PSPsPIPëC... PjP°PSC-P°PeP°P»CHbPSPëC... PμPīC-P·PsPrC-PI Cf PīP°C†C-C”PSC,C-PI, CłPeC- PIP¶Pμ PīPμCḡPμPSPμC†P»Pë C†C- PμPīC-P·PsPrPë C,P° CłPeC-PīC-PrPrP°PIP°P»PëCłCł P>C-PeCfPIP°PSPSCḡ P°CḡPëPīC-PīCḡP°P·PsP»PsPj.

PμCḡPsC,PëPīPsPeP°P·P°PSPSCl.

PμC-PrPIPëC%PμPSP° C†CfC,P»PëPIC-CłC,CHb PrPs P°CḡPëPīC-PīCḡP°P·PsP»Cf P°P±Ps PrPs P±CfPrCHb-CłPePsPiPs C-PSCëPsPiPs PePsPjPīPsPSPμPSC,P°, C%Ps PIC...PsPrPëC,CHb PrPs CłPeP»P°PrCf PīCḡPμPīP°CḡP°C,Cf. PμPμPSC-P»PePμC,PsPSCfCḡC-Cł.

P’P·P°C”PjPsPrC-Cł P· C-PSCëPëPjPë P»C-PeP°CḡCłCHbPePëPjPë P·P°CłPsP±P°PjPë C,P° C-PSCëC- PIPëPrPë PIP·P°C”PjPsPrC-PN.

PḡCḡPëPīC-PīCḡP°P·PsP» PīPsC,PμPSC†C-PN₂PSPs PjPsP¶Pμ PīPsCłPëP»CHbPIP°C,Pë PrC-Cḡ PrPμCłPePëC... P°PSC,PëPīC-PīPμCḡC,PμPSP·PëPIPSPëC... P»C-PeP°CḡCłCHbPePëC... P·P°CłPsP±C-PI PIPSP°CłP»C-PrPsPe P±P»PsPeP°PrPë α₁-P°PrCḡPμPSPsCḡPμC†PμPīC,PsCḡC-PI.

P— PsPiP»CłPrCf PSP° PsCłPSPsPIPSPëPN PIPiP»PëPI P°CḡPëPīC-PīCḡP°P·PsP»Cf PSP° C†PμPSC,CḡP°P»CHbPSCf PSPμCḡPIPSPICf CłPëCłC,PμPjCf, CłP»C-Pr PrPsC,CḡPëPjCfPIP°C,PëCłCHb PsP±PμCḡPμP¶PSPsCłC,C- PīCḡPë PsPrPSPsC†P°CłPSPsPjCf P·P°CłC,PsCłCfPIP°PSPSC- P°CḡPëPīC-PīCḡP°P·PsP»Cf P· P°P»PePsPiPsP»PμPj P°P±Ps C-PSCëPëPjPë P»C-PeP°CḡCłCHbPePëPjPë P·P°CłPsP±P°PjPë, C%Ps PIPiP»PëPIP°CḡC,CHb PSP° C†PμPSC,CḡP°P»CHbPSCf PSPμCḡPIPSPICf CłPëCłC,PμPjCf.

PŸP»C-Pr PrPsC,CḡPëPjCfPIP°C,PëCłCHb PsP±PμCḡPμP¶PSPsCłC,C- PīCḡPë PsPrPSPsC†P°CłPSPsPjCf P·P°CłC,PsCłCfPIP°PSPSC- P°CḡPëPīC-PīCḡP°P·PsP»Cf P· P»C-PeP°CḡCłCHbPePëPjPë P·P°CłPsP±P°PjPë, C%Ps CłPīCḡPëC†PëPSCłCḡC,CHb PīPsPrPsPIP¶PμPSPSCl C-PSC,PμCḡPIP°P»Cf QT C,P° PīPsCḡCfCëPμPSPSCl CḡC-PIPSCl PμP»PμPeC,CḡPsP»C-C,C-PI.

PkPμ PIPëCłPIP»PμPSPs P·PSP°C†PSPsPiPs PIPiP»PëPICf H₂-P±P»PsPeP°C,PsCḡP° PiC-CłC,P°PjC-PSPsPIPëC... CḡPμC†PμPīC,PsCḡC-PI C,,P°PjPsC,PëPrPëPSCf, C%Ps CłPīCḡPëC†PëPSCłC” P·PSP°C†PSPμ PīCḡPëPiPSC-C†PμPSPSCl CłPμPeCḡPμC†C-C— CłPsP»CłPSPsC— PePëCłP»PsC,Pë Cf CëP»CfPSPeCf, PSP° C,,P°CḡPjP°PePsPeC-PSPμC,PëPeCf P°CḡPëPīC-PīCḡP°P·PsP»Cf.

P’C-PrPsPjC- CḡC-P·PSC- CëP»CłC...Pë PjPμC,P°P±PsP»C-P·PjCf P°CḡPëPīC-PīCḡP°P·PsP»Cf, Cf C,PsPjCf C†PëCłP»C- P· CfC†P°CłC,Cḡ C,,PμCḡPjPμPSC,C-PI CYP2D6 C- CYP3A4, P°P»Pμ PSPμ C,,PμCḡPjPμPSC,P°PjPë CYP1A. PŸP°PePëPj C†PëPSPsPj, PrP»Cł PeCfCḡC†C-PI PSPμ PīPsC,CḡC-P±PSPs P·PjC-PSCḡPIP°C,Pë PrPsP·Cf.

PłC-PSC-PrPëPS C,P° C-PSCëC- C-PSPiC-P±C-C,PsCḡPë CYP2D6

PμPsC,CfP¶PSC- C-PSPiC-P±C-C,PsCḡPë CYP2D6 (C...C-PSC-PrPëPS) PīC-PrPIPëC%CfCḡC,CHb AUC P°CḡPëPīC-PīCḡP°P·PsP»Cf PSP° 107 %, Cf C,PsPN C†P°Cł CłPe C_{max}

P·P°P»PëC€P°C”C,CHCÍCÍ PSpµP·PjC-PSPµPSPsCĤ.

AUC C,P° C_{max} PrPµPiC-PrCĤPsP°CĤPëPiC-PiCĤP°P·PsP»CÍ, P°PeC,PëPIPSPsPiPs
PjPµC,P°P±PsP»C-C,CÍ, P·PSPëP¶CÍC”C,CHCÍCÍ PSP° 32 % C,P° 47 %. P”PsP·CÍ
P°CĤPëPiC-PiCĤP°P·PsP»CÍ PSPµPsP±C...C-PrPSPs P·PjPµPSC€PëC,Pë PSP°PiPsP»PsPIPëPSCÍ
PiCĤPë PsPrPSPsC±P°CÍPSPsPjCÍ P·P°CÍC,PsCÍCÍPIP°PSPSC- P· C...C-PSC-PrPëPSPsPj.
P†PSC€C- C-PSPiC-P±C-C,PsCĤPë CYP2D6, C,P°PeC- C¶Pe C,,P»CÍPsPeCÍPµC,PëPS C,P°
PiP°CĤPsPeCÍPµC,PëPS, PjPsP¶CÍC,CH PIPsP»PsPrC-C,Pë PiPsPrC-P±PSPsCĤ PrC-C”CĤ,
C,PsPjCÍ PjPsP¶Pµ P±CÍC,Pë PSPµPsP±C...C-PrPSPëPj P·PjPµPSC€PëC,Pë PrPsP·Pë
PiCĤPµPiP°CĤP°C,CÍ.

PµPµC,PsPePsPSP°P·PsP» C,P° C-PSC€C- C-PSPiC-P±C-C,PsCĤPë CYP3A4

PJ C...PsPrC- PrPsCÍP»C-PrP¶PµPSCĤ PIPëC¶PIP»PµPSPs, C°°Ps PiPsC,CÍP¶PSC-
C-PSPiC-P±C-C,PsCĤPë CYP3A4 (PePµC,PsPePsPSP°P·PsP») PiC-PrPIPëC°°CÍPIP°P»Pë AUC C,P°
C_{max} P°CĤPëPiC-PiCĤP°P·PsP»CÍ PSP° 63 % C,P° 37 % PIC-PrPiPsPIC-PrPSPs. AUC C,P° C_{max}
PrPµPiC-PrCĤPsP°CĤPëPiC-PiCĤP°P·PsP»CÍ PiC-PrPIPëC°°CÍPIP°P»PëCÍCÍ PSP° 77 % C,P° 43
% PIC-PrPiPsPIC-PrPSPs. PĥPrPSPsC±P°CÍPSPµ P·P°CÍC,PsCÍCÍPIP°PSPSC¶ PiPsC,CÍP¶PSPëC...
C-PSPiC-P±C-C,PsCĤC-PI CYP3A4 PjPsP¶Pµ PiCĤPëP·PIPsPrPëC,Pë PrPs
PiC-PrPIPëC°°PµPSPsC— PePsPSC†PµPSC,CĤP°C†C-C— CÍ PeCĤPsPIC-
P°CĤPëPiC-PiCĤP°P·PsP»CÍ. PµCĤPë PsPrPSPsC±P°CÍPSPsPjCÍ P·P°CÍC,PsCÍCÍPIP°PSPSC-
PePµC,PsPePsPSP°P·PsP»CÍ P°P±Ps C-PSC€PëC... PiPsC,CÍP¶PSPëC... C-PSPiC-P±C-C,PsCĤC-PI
CYP3A4 CÍP»C-Pr P·PIP°P¶PëC,Pë PiPsC,PµPSC†C-PNëPSCÍ PePsCĤPëCÍC,CH C,P°
PjPsP¶P»PëPIC- CĤPëP·PëPePë PrP»CÍ PiP°C†C-C”PSC,P°. PµCĤPë PsPrPSPsC±P°CÍPSPsPjCÍ
P·P°CÍC,PsCÍCÍPIP°PSPSC- PePµC,PsPePsPSP°P·PsP»CÍ PrPsP·CÍ P°CĤPëPiC-PiCĤP°P·PsP»CÍ
PSPµPsP±C...C-PrPSPs P·PjPµPSC€PëC,Pë PiCĤPëP±P»PëP·PSPs PSP°PiPsP»PsPIPëPSCÍ
CĤPµPePsPjPµPSPPrPsPIP°PSPsC— PrPsP·Pë. PµCĤPë P·P°CÍC,PsCÍCÍPIP°PSPSC- C-PSC€PëC...
PiPsC,CÍP¶PSPëC... C-PSPiC-P±C-C,PsCĤC-PI CYP3A4, C,P°PePëC... C¶Pe
C-C,CĤP°PePsPSP°P·PsP» P°P±Ps C-PSPiC-P±C-C,PsCĤPë P’P†P’ PiCĤPsC,PµP°P·,
PsC†C-PeCÍCĤC,CHCÍCÍ PiPsPrC-P±PSC- PµC,,PµPeC,Pë C,P° P·PSPëP¶PµPSPSC¶ PrPsP·Pë.
PµC-CÍP»CÍ PiCĤPëPiPëPSPµPSPSC¶ P·P°CÍC,PsCÍCÍPIP°PSPSC¶ C-PSPiC-P±C-C,PsCĤC-PI
CYP2D6 C†Pë CYP3A4 PrPsP·CÍ P°CĤPëPiC-PiCĤP°P·PsP»CÍ PSPµPsP±C...C-PrPSPs
PiC-PrPIPëC°°PëC,Pë PrPs PiPµCĤPIPëPSPSPsPiPs CĤC-PIPSC¶. PµCĤPë
PsPrPSPsC±P°CÍPSPsPjCÍ P·P°CÍC,PsCÍCÍPIP°PSPSC- CÍP»P°P±PePëC...
C-PSPiC-P±C-C,PsCĤC-PI CYP3A4 (PSP°PiCĤPëPeP»P°Pr PrPëP»C,C-P°P·PµPjCÍ,
PµCÍC†PëC,P°P»PsPiCĤP°PjCÍ) C†Pë CYP2D6 PjPsP¶PSP° PsC†C-PeCÍPIP°C,Pë
PiPsPjC-CĤPSPsPiPs PiC-PrPIPëC°°PµPSPSC¶ PePsPSC†PµPSC,CĤP°C†C-C—
P°CĤPëPiC-PiCĤP°P·PsP»CÍ.

PµP°CĤP±P°PjP°P·PµPiC-PS C,P° C-PSC€C- C-PSPrC¿PeC,PsCĤPë CYP3A4

PµCĤPëPNëPsPj 30 PjPi P°CĤPëPiC-PiCĤP°P·PsP»CÍ CĤP°P·PsPj P·
PeP°CĤP±P°PjP°P·PµPiC-PSPsPj, PiPsC,CÍP¶PSPëPj C-PSPrCÍPeC,PsCĤPsPj CYP3A4,
CÍCÍPiCĤPsPIPsPrP¶CÍPIP°PICÍCÍ P·PjPµPSC€PµPSPSC¶Pj PSP° 68 % C- 73 % C_{max} C- AUC
P°CĤPëPiC-PiCĤP°P·PsP»CÍ PIC-PrPiPsPIC-PrPSPs C- P·PSPëP¶PµPSPSC¶Pj PSP° 69 % C- 71 %
C_{max} C,P° AUC PNëPsPiPs P°PeC,PëPIPSPsPiPs PjPµC,P°P±PsP»C-C,CÍ
PrPµPiC-PrCĤPsP°CĤPëPiC-PiCĤP°P·PsP»CÍ PIC-PrPiPsPIC-PrPSPs. P”PsP·CÍ
P°CĤPëPiC-PiCĤP°P·PsP»CÍ PSPµPsP±C...C-PrPSPs P·P±C-P»CHC€PëC,Pë CÍ 2 CĤP°P·Pë PiCĤPë
PsPrPSPsC±P°CÍPSPsPjCÍ P·P°CÍC,PsCÍCÍPIP°PSPSC- P· PeP°CĤP±P°PjP°P·PµPiC-PSPsPj.
PĥPsP¶PSP° C†PµPeP°C,Pë P°PSP°P»PsPiC-C†PSPsC— PrC-C— PiCĤPë PIP·P°C”PjPsPrC-C— P·
C-PSC€PëPjPë PiPsC,CÍP¶PSPëPjPë C-PSPrCÍPeC,PsCĤP°PjPë CYP3A4 (C,P°PePëPjPë C¶Pe
CĤPëC,,P°PjPiC-C†PëPS, CĤPëC,,P°P±CÍC,PëPS, C,,PµPSC-C,PsC—PS,

C,,PμPSPsP±P°CḡP±C-C,P°P», PīCḡPēPjC-PrPsPS, PμC,,P°PIC-CḡPμPSC†, PSPμPIC-CḡP°PīC-PS, P·PIC-CḡP±C-PNē). PμC-CḡP»Cḡ PīCḡPēPīPēPSPμPSPSCḡ P·P°CḡC,PsCḡCḡPīP°PSPSCḡ PīPsC,CḡPḡPSPēC... C-PSPrCḡPēC,PsCḡC-PI CYP3A PrPsP·Cḡ P°CḡPēPīC-PīCḡP°P·PsP»Cḡ PSPμPsP±C...C-PrPSPs P·PjPμPSCēPēC,Pē PrPs CḡPμPēPsPjPμPSPPrPsPīP°PSPsC— PrPsP·Pē.B B B B

P'P°P»CHPīCḡPsP°C, C,P° P»C-C,C-PNē

PμCḡPē PsPrPSPsC†P°CḡPSPsPjCḡ PīCḡPēPNēPsPjC- PIP°P»CHPīCḡPsP°C,Cḡ P°P±Ps P»C-C,C-Cḡ C,P° P°CḡPēPīC-PīCḡP°P·PsP»Cḡ PSPμ PIC-PrP·PSP°C†P°P»PsCḡCḡ PēP»C-PSC-C†PSPs P·PSP°C†CḡC%PsPiPs PIPīP»PēPICḡ PSP° PēPsPSC†PμPSC,CḡP°C†C-Cḡ P°CḡPēPīC-PīCḡP°P·PsP»Cḡ.

PŸPμCḡPsC,PsPSC-PSPsPIPēPNē CḡPēPSPrCḡPsPj

Pj PīP°C†C-C"°PSC,C-PI, CḡPēC- PīCḡPēPNēPjP°CḡC,CH P°CḡPēPīC-PīCḡP°P·PsP», PīPsPIC-PrPsPjP»CḡP»Pē PīCḡPs CḡPμCḡPsC,PsPSC-PSPsPIPēPNē CḡPēPSPrCḡPsPj,B PsCḡPsP±P»PēPIPs PīCḡPē PsPrPSPsC†P°CḡPSPsPjCḡ PīCḡPēPNēPsPjC- CḡPμCḡPsC,PsPSC-PSPμCḡPīC-C†PSPēC... P»C-PēP°CḡCḡPēPēC... P·P°CḡPsP±C-PI, C,P°PēPēC... CḡPē C-PSPiC-P±C-C,PsCḡPē P·PIPsCḡPsC,PSPsPiPs P·P°C...PsPīP»PμPSPSCḡ CḡPμCḡPsC,PsPSC-PSCḡ/C-PSPiC-P±C-C,PsCḡPē P·PIPsCḡPsC,PSPsPiPs P·P°C...PsPīP»PμPSPSCḡ CḡPμCḡPsC,PsPSC-PSCḡ C,P° PSPsCḡP°PrCḡPμPSP°P»C-PSCḡ P°P±Ps P»C-PēP°CḡCḡPēC- P·P°CḡPsP±Pē, C%Ps PīC-PrPIPēC%CḡCḡC,CH PēPsPSC†PμPSC,CḡP°C†C-Cḡ P°CḡPēPīC-PīCḡP°P·PsP»Cḡ.

P'PīP»PēPI P°CḡPēPīC-PīCḡP°P·PsP»Cḡ PSP° C-PSCēC- P»C-PēP°CḡCḡPēC- P·P°CḡPsP±Pē

PμCḡPē PīCḡPēPNēPsPjC- P°CḡPēPīC-PīCḡP°P·PsP»Cḡ Cḡ PrPsP·C- 10-30 PjPi/PrPsP±Cḡ PIC-PrCḡCḡC,PSC-PNē PIPīP»PēPI PSP° PjPμC,P°P±PsP»C-P·Pj CḡCḡP±CḡC,CḡP°C,C-PI CYP2D6 (PIC-PrPSPsCēPμPSPSCḡ PrPμPēCḡC,CḡPsPjPμC,PsCḡC,,P°PS/3-PjPμC,PsPēCḡPēPjPsCḡC,,C-PS), CYP2C9 (PIP°CḡC,,P°CḡPēPS), CYP2C19 (PsPjPμPīCḡP°P·PsP») C,P° CYP3A4 (PrPμPēCḡC,CḡPsPjPμC,PsCḡC,,P°PS). PḡCḡC-Pj C,PsPiPs, P°CḡPēPīC-PīCḡP°P·PsP» C- PNēPsPiPs PsCḡPSPsPIPSPēPNē PjPμC,P°P±PsP»C-C, PrPμPīC-PrCḡPsP°CḡPēPīC-PīCḡP°P·PsP» PSPμ P·PjC-PSCHPIP°PI PjPμC,P°P±PsP»C-P·Pj P· CḡC†P°CḡC,Cḡ C,,PμCḡPjPμPSC,Cḡ CYP1A2 *in vitro*. PḡP°P»PsPNēPjPsPIC-CḡPSPēPNē PēP»C-PSC-C†PSPs P·PSP°C†CḡC%PēPNē PIPīP»PēPI P°CḡPēPīC-PīCḡP°P·PsP»Cḡ PSP° P»C-PēP°CḡCḡPēC- P·P°CḡPsP±Pē, C%Ps PjPμC,P°P±PsP»C-P·CḡCḡC,CHCḡCḡ P· CḡC†P°CḡC,Cḡ C†PēC... C,,PμCḡPjPμPSC,C-PI. PŸP°PēPēPj C†PēPSPsPj, P°CḡPēPīC-PīCḡP°P·PsP» PSPμ CḡPīCḡPēC†PēPSCḡC" PēP»C-PSC-C†PSPs P·PSP°C†CḡC%PēC... PIP·P°C"PjPsPrC-PNē, PsPīPsCḡPμCḡPμPrPēPsPIP°PSPēC... PrC-C"ḡCḡ PrP°PSPēC... C,,PμCḡPjPμPSC,C-PI. PμCḡPē P·P°CḡC,PsCḡCḡPīP°PSPSC- P°CḡPēPīC-PīCḡP°P·PsP»Cḡ PsPrPSPsC†P°CḡPSPs P· PIP°P»CHPīCḡPsP°C,PsPj, P»C-C,C-C"Pj C†Pē P»P°PjPsC,CḡPēPrPḡPēPSPsPj PIC-PrCḡCḡC,PSC- PēP»C-PSC-C†PSPs PIP°PḡP»PēPIC- P·PjC-PSPē PēPsPSC†PμPSC,CḡP°C†C-PNē PIP°P»CHPīCḡPsP°C,Cḡ, P»C-C,C-Cḡ P°P±Ps P»P°PjPsC,CḡPēPrPḡPēPSCḡ.

PḡCḡPsP±P»PēPIPsCḡC,C- P·P°CḡC,PsCḡCḡPIP°PSPSCḡ.

PμCḡPē P»C-PēCḡPIP°PSPSC- P°PSC,PēPīCḡPēC...PsC,PēC†PSPēPjPē PīCḡPμPīP°CḡP°C,P°PjPē PēP»C-PSC-C†PSPμ PīPsPēCḡP°C%PμPSPSCḡ PjPsPḡPμ PIC-PrP·PSP°C†P°C,PēCḡCḡ PīCḡPsC,CḡPiPsPj PīPμCḡC-PsPrCḡ PIC-Pr PēC-P»CHPēPsC... PrPSC-PI PrPs PēC-P»CHPēPsC...

C, PëP¶PSC-PI. PµCḡPsC, CḡPiPsPj PrP°PSPsPiPs PīPµCḡC-PsPrCṛ PSPµPsP±C...C-PrPSPs
CḡPµC, PµP»CHBPSPs CḡPīPsCḡC, PµCḡC-PiP°C, Pë P·P° C†PëPjPë PīP°C†C-C''PSC, P°PjPë.B

PŸCžC—C†PëPr.

PJ PrPµCḡPePëC... PIPëPīP°PrPeP°C... PsPrCḡP°P·Cṛ P¶ PīC-CḡP»Cḡ
P·P°CḡC, PsCḡCṛPIP°PSPSCḡ C†Pë PīCḡPë P·PjC-PSC- PSPµPNëCḡPsP»PµPīC, PëPeC-PI,
PIPeP»CḡC†P°CḡC†Pë P°CḡPëPīC-PīCḡP°P·PsP», PIC-PrP·PSP°C†P°P»P°CḡCḡ
CḡCṛC—C†PëPrP°P»CHBPSP° PīPsPIPµPrC-PSPeP°, C...P°CḡP°PeC, PµCḡPSP° PrP»Cḡ
PīCḡPëC...C-C†PSPëC... P·P°C...PIPSCḡPIP°PSCḡ, C, P° P·PjC-PSPë PSP°CḡC, CḡPsCḡ. PµCḡPë
P·P°CḡC, PsCḡCṛPIP°PSPSC-B PSPµPNëCḡPsP»PµPīC, PëPeC-PI PīP°C†C-C''PSC, P°Pj P·
PIPëCḡPsPePëPj CḡPëP·PëPePsPj PIPëPSPëPePSPµPSPSCḡ CḡCṛC—C†PëPrC-PI
PSPµPsP±C...C-PrPSPëPNë CḡPµC, PµP»CHBPSPëPNë PjPµPrPëC†PSPëPNë PSP°PiP»CḡPr. P''P°PSC-
PrPsCḡP»C-PrP¶PµPSCḡ PīPsPeP°P·P°P»Pë PIC-PrCḡCṛC, PSC-CḡC, CH
PīC-PrPIPëC%PµPSPsPiPs CḡPëP·PëPeCṛ PIPëPSPëPePSPµPSPSCḡ CḡCṛC—C†PëPrC-PI PīCḡPë
P·P°CḡC, PsCḡCṛPIP°PSPSC- P°CḡPëPīC-PīCḡP°P·PsP»Cṛ PīPsCḡC-PIPSCḡPSPs P· C-PSC€PëPjPë
PSPµPNëCḡPsP»PµPīC, PëPeP°PjPë Cṛ PrPsCḡPsCḡP»PëC... PīP°C†C-C''PSC, C-PI P·
C€PëP·PsC,, CḡPµPSC-C''Cḡ P°P±Ps P±C-PīPsP»CḡCḡPSPëPjPë CḡPsP·P»P°PrP°PjPë.

PŸPµCḡC†PµPIPps-CḡCžPrPëPSPSC- CḡPsP·P»P°PrPë.

PḡCḡPëPīC-PīCḡP°P·PsP» PSPµPsP±C...C-PrPSPs P·P°CḡC, PsCḡPsPICṛPIP°C, Pë P·
PsP±PµCḡPµP¶PSC-CḡC, Cḡ PīP°C†C-C''PSC, P°Pj C-P· CḡPµCḡC†PµPIPps-CḡCṛPrPëPSPSPëPjPë
P·P°C...PIPSCḡPIP°PSPSCḡPjPë (P· PSP°CḡPIPSC-CḡC, Cḡ PI P°PSP°PjPSPµP·C-
PīPµCḡPµPSPµCḡPµPSPsPiPs C-PSC,, P°CḡPeC, Cṛ PjC-PsPeP°CḡPrP° C†Pë C-C€PµPjC-C†PSPsC—
C...PIPSCḡPsP±Pë CḡPµCḡC†Cḡ P°P±Ps C-P· CḡPµCḡC†PµPIPSCḡ
PSPµPrPsCḡC, P°C, PSC-CḡC, Cḡ C- PīPsCḡCṛC€PµPSPSCḡPjPë PīCḡPsPIC-PrPSPsCḡC, C-),
C†PµCḡPµP±CḡPsPIP°CḡPeCṛP»CḡCḡPSPëPjPë P·P°C...PIPSCḡPIP°PSPSCḡPjPë C-
CḡC, P°PSP°PjPë, C%Ps PīCḡPëP·PīPsPrCḡC, CH PrPs P°CḡC, PµCḡC-P°P»CHBPSPsC—
PīC-PīPsC, PµPSP·C-C— (P·PSPµPIPPrPSPµPSPSCḡ, PīC-PīPsPIPpsP»PµPjC-Cḡ C-
P»C-PeCṛPIP°PSPSCḡ P°PSC, PëPīC-PīPµCḡC, PµPSP·PëPIPSPëPjPë PīCḡPµPīP°CḡP°C, P°PjPë)
C†Pë P°CḡC, PµCḡC-P°P»CHBPSPsC— PīC-PīPµCḡC, PµPSP·C-C—, PIPeP»CḡC†P°CḡC†Pë
P·P°PiPsCḡC, CḡPµPSPSCḡ P°P±Ps P·P»PsCḡPeC-CḡPSCṛ PīC-PīPµCḡC, PµPSP·C-Cḡ. PµCḡPë
P·P°CḡC, PsCḡCṛPIP°PSPSC- PSPµPNëCḡPsP»PµPīC, PëPeC-PI PīPsPIC-PrPsPjP»CḡP»Pë PīCḡPs
PIPëPīP°PrPePë C, CḡPsPjP±PsPµPjP±PsP»C-C— PIPµPSPsP·PSPëC... CḡCṛPrPëPS. PµPµCḡPµPr
P·P°CḡC, PsCḡCṛPIP°PSPSCḡPj C, P° PīC-Pr C†P°Cḡ P·P°CḡC, PsCḡCṛPIP°PSPSCḡ
PSPµPNëCḡPsP»PµPīC, PëPeC-PI PSPµPsP±C...C-PrPSPs PIPëP·PSP°C†PëC, Pë PjPsP¶P»PëPIC-
C,, P°PeC, PsCḡPë PIPëPSPëPePSPµPSPSCḡB C, CḡPsPjP±PsPµPjP±PsP»C-C— PIPµPSPsP·PSPëC...
CḡCṛPrPëPS C, P° PIP¶PëC, Pë PIC-PrPīPsPIC-PrPSPëC... P·P°PīPsP±C-P¶PSPëC...
P·P°C...PsPrC-PI.

PµPsCḡCžC€PµPSPSCḡ PīCḡPsPIC-PrPSPsCḡC, C-.

PJ C...PsPrC- PrPsCḡP»C-PrP¶PµPSCḡ P°CḡPëPīC-PīCḡP°P·PsP»Cṛ PIC-PrP·PSP°C†P°P»PëCḡCḡ
PIPëPīP°PrPePë PīPsPrPsPIP¶PµPSPSCḡ C-PSC, PµCḡPIP°P»Cṛ QT PīPsCḡC-PIPSCḡPSPs P·
PīP»P°C†PµP±Ps. PḡCḡPëPīC-PīCḡP°P·PsP», CḡPe C- C-PSC€C- PSPµPNëCḡPsP»PµPīC, PëPePë,
PSPµPsP±C...C-PrPSPs P·P°CḡC, PsCḡPsPICṛPIP°C, Pë P· PsP±PµCḡPµP¶PSC-CḡC, Cḡ
PīP°C†C-C''PSC, P°Pj P· PSP°CḡPIPSC-CḡC, Cḡ PI P°PSP°PjPSPµP·C- PīPsPrPsPIP¶PµPSPSCḡ
C-PSC, PµCḡPIP°P»Cṛ QT.

PµC-P·PSCḡ PrPëCḡPeC-PSPµP·C-Cḡ.

P PëP·PëPe CĤPsP·PIPëC,PeCř PĭC-P·PSCĤPsC— PrPëCĭPeC-PSPμP·C-C— P·CĤPsCĭC,P°C” Cř
PjC-CĤCř P·P±C-P»CHC€PμPSPSCĭ C,CĤPëPIP°P»PsCĭC,C- C,PμCĤP°PĭC-C—
PSPμPNëCĤPsP»PμPĭC,PëPeP°PjPë, C,PsPjCř P· PĭPsCĭPIPsCĤ CĭPëPjPĭC,PsPjC-PI
PĭC-P·PSCĤPsC— PrPëCĭPeC-PSPμP·C-C— PĭCĤPë P·P°CĭC,PsCĭCřPIP°PSPSC-
P°CĤPëPĭC-PĭCĤP°P·PsP»Cř CĭP»C-Pr P·PjPμPSC€PëC,Pë PNëPsPiPs PrPsP·Cř P°P±Ps
PIC-PrPjC-PSPëC,Pë C,PμCĤP°PĭC-CĤ. PμC-CĭP»Cĭ PIC-PrPjC-PSPë C,PμCĤP°PĭC-C— C†C-
CĭPëPjPĭC,PsPjPë PjPsP¶CřC,CH C,PëPjC†P°CĭPsPIPs PĭPsCĭPëP»PëC,PëCĭCĭ P°P±Ps
PSP°PIC-C,CH P·BĤ™ CĭPIPëC,PëCĭCĭ PĭC-CĭP»Cĭ PĭCĤPëPĭPëPSPμPSPSCĭ
P·P°CĭC,PsCĭCřPIP°PSPSCĭ.

P†PSC€C- PμPeCĭC,CĤP°PĭC-CĤP°PjC-PrPSC- CĭPëPjPĭC,PsPjPë.

PμCĤPë P·P°CĭC,PsCĭCřPIP°PSPSC- P°CĤPëPĭC-PĭCĤP°P·PsP»Cř Cř PrC-C,PμPNë
CĭPĭPsCĭC,PμCĤC-PĭP°P»PëCĭCĭ P°PeP°C,PëP·C-Cĭ C- PĭP°CĤPeC-PSCĭPsPSC-P·Pj. PJ
CĤP°P·C- PĭPsCĭPIPë PsP·PSP°Pe C-PSC€PëC... PμPeCĭC,CĤP°PĭC-CĤP°PjC-PrPSPëC...
CĭPëPjPĭC,PsPjC-PI CĭP»C-Pr CĤPsP·PĭP»CĭPSCřC,Pë PjPsP¶P»PëPIC-CĭC,CH
P·PSPëP¶PμPSPSCĭ PrPsP·Pë C,P° PIPμCĭC,Pë CĤPμC,PμP»CHPSPëPNë
PeP»C-PSC-C†PSPëPNë PjPsPSC-C,PsCĤPëPSPĭ CĭC,P°PSCř PĭP°C†C-C”PSC,P°.

P—P»PsCĭPeC-CĭPSPëPNë PSPμPNëCĤPsP»PμPĭC,PëC†PSPëPNë CĭPëPSPřCĤPsPj (P—PćPŸ).

PμCĤPë P»C-PeCřPIP°PSPSC- PSPμPNëCĤPsP»PμPĭC,PëPeP°PjPë, Cř C,PsPjCř C†PëCĭP»C-
P°CĤPëPĭC-PĭCĤP°P·PsP»PsPj, PsPĭPëCĭP°PSPëPNë P·P·PĭCĤPsP·P»PëPIPëPNë PrP»Cĭ P¶PëC,C,Cĭ
CĭPëPjPĭC,PsPjPsPePsPjPĭP»PμPeCĭ, PIC-PrPsPjPëPNë PĭC-Pr PSP°P·PIPsCĤ
P·P»PsCĭPeC-CĭPSPëPNë PSPμPNëCĤPsP»PμPĭC,PëC†PSPëPNë CĭPëPSPřCĤPsPj. PĭPμPNë
CĭPëPSPřCĤPsPj PĭCĤPsCĭPIP»CĭC”C,CHCĭCĭ PĭC-PĭPμCĤPĭC-CĤPμPeCĭC-C”CĤ,
PjBĤ™ CĭP·PsPIPsCĤ CĤPëPĭC-PrPSC-CĭC,CĤ, PĭPsCĤCřC€PμPSPSCĭPjPë PĭCĭPëC...C-PePë C-
PSPμCĭC,P°P±C-P»CHPSC-CĭC,CĤ PIPμPiPμC,P°C,PëPIPSPsC— PSPμCĤPIPsPIPsC—
CĭPëCĭC,PμPjPë (PSPμCĤPμPiCřP»CĭCĤPSPëPNë PĭCřP»CHCĭ C,P°
P°CĤC,PμCĤC-P°P»CHPSPëPNë C,PëCĭPe, C,P°C...C-PeP°CĤPrC-Cĭ, PĭC-C,P»PëPIC-CĭC,CH
C,P° P°CĤPëC,PjC-C— CĭPμCĤC†Cĭ). PĤCĤC-Pj C,PsPiPs, C-PSPsPrC- PIPëPSPëPeP°CĤC,CH
P·P±C-P»CHC€PμPSPSCĭ P°PeC,PëPIPSPsCĭC,C- PeCĤPμP°C,PëPSC,,PsCĭC,,PsPeC-PSP°P·Pë,
PjC-PsPiP»PsP±C-PSCřCĤC-Cĭ (CĤP°P±PrPsPjC-PsP»C-P·) C- PĭPsCĭC,CĤP° PSPëCĤPePsPIP°
PSPμPrPsCĭC,P°C,PSC-CĭC,CH. PJ CĤP°P·C- PIPëPSPëPePSPμPSPSCĭ CĭPëPjPĭC,PsPjC-PI
P—PćPŸ P°P±Ps PSPμP·BĤ™ CĭCĭPsPIP°PSPsC— PĭP°CĤCĭC†PePë PICĭC-
PSPμPNëCĤPsP»PμPĭC,PëPePë, Cř C,PsPjCř C†PëCĭP»C- P°CĤPëPĭC-PĭCĤP°P·PsP», CĭP»C-Pr
PIC-PrPjC-PSPëC,Pë.

PŸCăPrPsPjPë.

PJ PeP»C-PSC-C†PSPëC... PrPsCĭP»C-PrP¶PμPSPSCĭC... P°CĤPëPĭC-PĭCĤP°P·PsP»Cř
PSPμC†P°CĭC,Ps PĭPsPIC-PrPsPjP»CĭP»Pë PĭCĤPs PIPëPĭP°PrPePë CĭCřPrPsPj. PŸP°PePëPj
C†PëPSPsPj, P°CĤPëPĭC-PĭCĤP°P·PsP» CĭP»C-Pr P·P°CĭC,PsCĭPsPICřPIP°C,Pë P·
PsP±PμCĤPμP¶PSC-CĭC,CĤ PĭP°C†C-C”PSC,P°Pj P· PSP°CĭPIPS-CĭC,CĤ CĭCřPrPsPj PI
P°PSP°PjPSPμP·C- P°P±Ps PĭCĤPë CĭC,P°PSP°C..., PĭPsPiBĤ™ CĭP·P°PSPëC... P·
PIPëPSPëPePSPμPSPSCĭPj CĭCřPrPsPj.

PμP°C†C-C”PSC,Pë P»C-C,PSCĤPsPiPs PIC-PeCř C-P· PĭCĭPëC...PsP·P°PjPë PĭCĤPë
PrPμPjPμPSC†C-C—.

РμC-PrPIPëC%oPμPSPSCЦ CḡPëP·PëPeCž P»PμC,P°P»CHPSPsPiPs PSP°CḡP»C-PrPeCž.

PJ PeP»C-PSC-C#PSPëC... PrPsCḡP»C-PrP¶PμPSPSCЦC... P°CḡPëPïC-PïCḡP°P·PsP»Cḡ Cḡ PïP°C†C-C" PSC,C-PI P»C-C,PSCḡPsPiPs PIC-PeCḡ P· C...PIPsCḡPsP±PsCḡ PḡP»CHC†PiPμPNëPjPμCḡP° (CḡPμCḡPμPrPSC-PNë PIC-Pe 82 CḡPsPePë) PIC-PrP·PSP°C†P°PICḡCЦ PïC-PrPIPëC%oPμPSPëPNë CḡPëP·PëPe P»PμC,P°P»CHPSPsPiPs PSP°CḡP»C-PrPeCḡ PiPsCḡC-PIPSCЦPSPs P· PïP»P°C†PμP±Ps. P C-PIPμPSCḡ P»PμC,P°P»CHPSPsCḡC,C- CḡC,P°PSPsPIPëPI PïCḡPë PïCḡPëPNëPsPjC- P°CḡPëPïC-PïCḡP°P·PsP»Cḡ 3,5 % PiPsCḡC-PIPSCЦPSPs P· 1,7 % PïCḡPë PïCḡPëPNëPsPjC- PïP»P°C†PμP±Ps. PḡPsC†P° P±CḡP»Pë CḡC-P·PSC- PïCḡPëC†PëPSPë P»PμC,P°P»CHPSPsPiPs PSP°CḡP»C-PrPeCḡ: P°P±Ps CḡPμCḡC†PμPIPs-CḡCḡPrPëPSPSC- P·P°C...PIPsCḡCḡPïP°PSPSCЦ (PSP°PïCḡPëPeP»P°Pr CḡPμCḡC†PμPIP° PSPμPrPsCḡC,P°C,PSC-CḡC,CH, CḡP°PïC,PsPIP° CḡPμCḡC†PμPIP° CḡPjPμCḡC,CH), P°P±Ps C-PSC,,PμPeC†C-C— (PSP°PïCḡPëPeP»P°Pr PïPSPμPIPjPsPSC-CЦ).

PḡPμCḡPμP±CḡPsPIP°CḡPeCžP»CЦCḡPSC- PïPsP±C-C#PSC- CḡPμP°PeC†C-C—.

PμPsPIC-PrPsPjP»CЦP»Pë PïCḡPs C†PμCḡPμP±CḡPsPIP°CḡPeCḡP»CЦCḡPSC- PïPsP±C-C#PSC- CḡPμP°PeC†C-C— (C,P°PeC- CЦPe C-PSCḡCḡP»CHC,, C,CḡP°PSP·PëC,PsCḡPSC- C-C€PμPjC-C#PSC- P°C,P°PePë),B PIPeP»CHC†P°CHC†PëB P»PμC,P°P»CHPSC-B PIPëPïP°PrPePëB (CḡPμCḡPμPrPSC-PNëB PIC-Pe 84 CḡPsPePë, PIC-Pr 78 PrPs 88 CḡPsPeC-PI). P—P°PiP°P»PsPj PI 1,3 % PïP°C†C-C" PSC,C-PI, CЦPeC- PsC,CḡPëPjCḡPïP°P»Pë P°CḡPëPïC-PïCḡP°P·PsP», PiPsPIC-PrPsPjP»CЦP»PsCḡCЦ PïCḡPs C†PμCḡPμP±CḡPsPIP°CḡPeCḡP»CЦCḡPSC- PïPsP±C-C#PSC-B CḡPμP°PeC†C-C— PïPsCḡC-PIPSCЦPSPs P· 0,6 % PïP°C†C-C" PSC,C-PI, CЦPeC- PsC,CḡPëPjCḡPïP°P»Pë PïP»P°C†PμP±Ps.

PḡCЦ PIC-PrPjC-PSPSC-CḡC,CH PSPμ C" CḡC,P°C,PëCḡC,PëC†PSPs P·PSP°C†CḡC%oPsCḡ. PḡCḡC-Pj C,PsPiPs, Cḡ C...PsPrC- PrPsCḡP»C-PrP¶PμPSCḡ C-P· P·P°CḡC,PsCḡCḡPïP°PSPSCЦPj C,,C-PeCḡPsPIP°PSPsC— PrPsP·Pë PIC-PrP·PSP°C†P°PICḡCЦ P·PIBḡ™ CЦP·PsPe P· PïCḡPëPNëPsPjPsPj P°CḡPëPïC-PïCḡP°P·PsP»Cḡ C,P° PIPëPSPëPePSPμPSPSCЦPj C†PμCḡPμP±CḡPsPIP°CḡPeCḡP»CЦCḡPSPëC... PïPsP±C-C#PSPëC... CḡPμP°PeC†C-PNë.

PḡCḡPëPïC-PïCḡP°P·PsP» PSPμ PïPsPeP°P·P°PSPëPNë PrP»CЦ P»C-PeCḡPIP°PSPSCЦ PïCḡPëC...PsP·C-PI PïCḡPë PrPμPjPμPSC†C-C—.

P"C-PïPμCḡPiP»C-PePμPjC-CЦ C- C†CžPeCḡPsPIPëPNë PrC-P°P±PμC,.

P"C-PïPμCḡPiP»C-PePμPjC-CЦ, Cḡ PrPμCЦPePëC... PIPëPïP°PrPeP°C... PIPëCḡP°P¶PμPSP° C- PïPsPIBḡ™ CЦP·P°PSP° C-P· P·P°CḡC,PsCḡCḡPïP°PSPSCЦPj PePμC,PsP°C†PëPrPsP·Cḡ, C%oPs PjPsP¶Pμ PïCḡPëP·PIPμCḡC,Pë PrPs PiC-PïPμCḡPsCḡPjPsP»CЦCḡPSPsC— PePsPjPë C- PSP°PIC-C,CH PrPs P»PμC,P°P»CHPSPsPiPs PSP°CḡP»C-PrPeCḡ, P±CḡP»P° PIC-PrP·PSP°C†PμPSP° Cḡ PïP°C†C-C" PSC,C-PI, CЦPeC- PïCḡPëPNëPjP°P»Pë P°C,PëPïPsPIC- PSPμPNëCḡPsP»PμPïC,PëPePë, PIPeP»CHC†P°CHC†Pë P°CḡPëPïC-PïCḡP°P·PsP». PḡPsC†P° P·PIBḡ™ CЦP·PsPe PjC-P¶ PïCḡPëPNëPsPjPsPj P°C,PëPïPsPIPëC... PSPμPNëCḡPsP»PμPïC,PëPeC-PI C,P° PïPsCḡCḡC€PμPSPSCЦPjPë PiC-PïPμCḡPiP»C-PePμPjC-C#PSPsPiPs C,PëPïCḡ P·P°P»PëC€P°C,CḡCḡCЦ PSPμP·Bḡ™ CЦCḡPḡPIP°PSPëPj, C...PIPsCḡPëPj, Cḡ CЦPePëC... PIPëCЦPIP»PμPSPëPNë C†CḡPeCḡPsPIPëPNë PrC-P°P±PμC,, CḡP»C-Pr CḡPμPiCḡP»CЦCḡPSPs PIPëP·PSP°C†P°C,Pë CḡC-PIPμPSCḡ PiP»CHPePsP·Pë Cḡ PeCḡPsPIC- PïCḡPë PïCḡPëPNëPsPjC- P°C,PëPïPsPIPëC... PSPμPNëCḡPsP»PμPïC,PëPeC-PI. PμP°C†C-C" PSC,P°Pj P· C,,P°PeC,PsCḡP°PjPë CḡPëP·PëPeCḡ PIPëPSPëPePSPμPSPSCЦ C†CḡPeCḡPsPIPsPiPs PrC-P°P±PμC,Cḡ (PsP¶PëCḡC-PSPSCЦ, PSP°CЦPIPSC-CḡC,CH C†CḡPeCḡPsPIPsPiPs PrC-P°P±PμC,Cḡ PI

$P_{\mu}C_{\eta}P_{\bar{e}} \cdot P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC - PSP_{\mu}PN_{\bar{e}}C_{\eta}PsP \gg P_{\mu}P\acute{I}C, P\bar{e}PeC-PI, PIPeP \gg C\bar{H}C\ddagger P^{\circ}C\bar{H}C\ddagger P\bar{e}$
 $P^{\circ}C_{\eta}P\bar{e}P\acute{I}C-P\acute{I}C_{\eta}P^{\circ} \cdot PsP \gg, PjPsP\P \gg P\bar{e}PIC- P\acute{I}PsC_{\eta}C\acute{r}C\epsilon P_{\mu}PSPSC\P PjPsC, PsC_{\eta}P\bar{e}PeP\bar{e}$
 $C\acute{I}C, C_{\eta}P^{\circ}PIP_sC...PsPrC\acute{r} C, P^{\circ} P^{\circ}C\acute{I}P\acute{I}C-C_{\eta}P^{\circ}C\ddagger C-C\P.$ $P_{\bar{h}}C_{\eta}P\bar{e}P\acute{I}C-P\acute{I}C_{\eta}P^{\circ} \cdot PsP \gg, C\PPe C-$
 $C-PSCEC- PSP_{\mu}PN_{\bar{e}}C_{\eta}PsP \gg P_{\mu}P\acute{I}C, P\bar{e}PeP\bar{e}, PSP_{\mu}PsP \pm C...C-PrPSPs P \cdot P^{\circ}C\acute{I}C, PsC\acute{I}PsPIC\acute{r}PIP^{\circ}C, P\bar{e} P \cdot$
 $PsP \pm P_{\mu}C_{\eta}P_{\mu}P\P PSC-C\acute{I}C, C\bar{H} P\acute{I}P^{\circ}C\ddagger C-C^{\circ}PSC, P^{\circ}Pj P \cdot P\acute{I}C-PrPIP\bar{e}C\%_{\circ}P_{\mu}PSP\bar{e}Pj C_{\eta}P\bar{e}P \cdot P\bar{e}PePsPj$
 $P^{\circ}C\acute{I}P\acute{I}C-C_{\eta}P^{\circ}C\ddagger C-PN_{\bar{e}}PSP_sC - P\acute{I}PSP_{\mu}PIP_iPsPSC-C-.$

PμP°C,PsP»PsPiC-C‡PSP° C-PiCḡPsPjP°PSC-Cḷ C,P° C-PSC€C- PīPsCḡC¿C€PμPSPSCḷ PePsPSC,CḡPsP»CḤ C-PjPīC¿P»CHCḷPSPsC— PīPsPIPμPrC-PSPePē.

PJ PīP°C†C-C''PSC,C-PI, CḷPePēPj PīCḡPēP·PSP°C‡P°P»Pē P°CḡPēPīC-PīCḡP°P·PsP», P±CḷP»Pē P·P°C,,C-PeCḷPsPIP°PSC- PIPēPīP°PrPePē PīP°C,PsP»PsPiC-C‡PSPsC— CḷC...PēP»CHPSPsCḷC,C- PrPs P°P·P°CḡC,PSPēC... C-PiPsCḡ C,P° PSPμP·PrP°C,PSC-CḷC,CH PePsPSC,CḡPsP»CḤPIP°C,Pē C†CḤ CḷC...PēP»CHPSC-CḷC,CH. PŷP°PePsPḡ PīPsPIC-PrPsPjP»CḷP»Pē PīCḡPs PiC-PīPμCḡCḷPμPeCḷCḷP°P»CHPSC-CḷC,CH, PSPμPīPμCḡPμP±PsCḡPSPēPNē PīPsC,CḷPi PrPs PīPsPeCḷPīPsPe, PīPμCḡPμC—PrP°PSPSCḷ P°P±Ps PSPμPePsPSC,CḡPsP»CHPsPIP°PSPēPNē PīPsC,CḷPi PrPs PIPḡPēPIP°PSPSCḷ C—PḡC- PNē C-PSC€C- CḡPsP·P»P°PrPē C-PjPīCḷP»CHCḷPēPIPSsC— C,P° PePsPjPīCḷP»CHCḷPēPIPSsC— PīPsPIPμPrC-PSPePē. P'P°PḡP»PēPIPs, C%PsP± PīP°C†C-C''PSC,Pē C,P° PsCḷPsP±Pē, CḷPeC- P·P° PSPēPjPē PrPsPiP»CḷPrP°CḤC,CH, PīPsPIC-PrPsPjP»CḷP»Pē P»C-PeP°CḡCḷ PīCḡPs CḡPsP·PIPēC,PsPe PIPēC%PμP·P°P·PSP°C‡PμPSPēC... CḡPsP·P»P°PrC-PI PīC-Pr C‡P°Cḷ P»C-PeCḷPIP°PSPSCḷ P°CḡPēPīC-PīCḡP°P·PsP»PsPj. PŷPēPjPīC,PsPjPē PīPsCḡCḷC€PμPSPSCḷ C-PjPīCḷP»CHCḷPSPsPiPs PePsPSC,CḡPsP»CḤ PjPsPḡCḷC,CH P±CḷC,Pē PīPsPIbḡ™ CḷP·P°PSC- P·PsCḷPSPsPIPSpēPj CḡPsP·P»P°PrPsPj, PsPrPSP°Pe C-PSPsPrC- PīPsPIC-PrPsPjP»CḷP»Pē PīCḡPs P·PSPēPePSPμPSPSCḷ PīP°C,PsP»PsPiC-C‡PSPēC... PīPsC,CḷPiC-PI PīC-CḷP»Cḷ P·PjPμPSC€PμPSPSCḷ PrPsP·Pē PīCḡPμPīP°CḡP°C,Cḷ P°P±Ps PīC-CḷP»Cḷ PīCḡPēPīPēPSPμPSPSCḷ P»C-PeCḷPIP°PSPSCḷ. P PsP·P»P°PrPē C-PjPīCḷP»CHCḷPSPsPiPs PePsPSC,CḡPsP»CḤ PjPsPḡCḷC,CH P·P°PIPrP°C,Pē C€PePsPrPē PīP°C†C-C''PSC,Cḷ C,P° C-PSC€PēPj P»CḤPrCḷPj, CḷPeC%Ps PIPsPSPē PSPμ PIPēCḷPIP»PμPSC-. PJ CḡP°P·C- CḡPsP·PIPēC,PeCḷ C,P°PePēC... CḡPsP·P»P°PrC-PI PīC-Pr C‡P°Cḷ PīCḡPēPNēPsPjCḷ P°CḡPēPīC-PīCḡP°P·PsP»Cḷ PSPμPsP±C...C-PrPSPs CḡPsP·PiP»CḷPSCḷC,Pē PīPēC,P°PSPSCḷ PīCḡPs P·PjPμPSC€PμPSPSCḷ PrPsP·Pē P°P±Ps PīCḡPēPīPēPSPμPSPSCḷ P»C-PeCḷPIP°PSPSCḷ (PrPēPI. CḡPsP·PrC-P» B«PμPsP±C-C‡PSC- CḡPμP°PeC†C-C—B»).

PμP°C†C-C''PSC,Pē P· CḷC¿PīC¿C,PSC-Pj CḷPēPSPPrCḡPsPjPsPj PrPμC,,C-C†PēC,C¿ C¿PIP°PiPē C,P° PīC-PīPμCḡP°PeC,PēPIPSsCḷC,C-.

PḷPμP·PIP°PḡP°CḤC‡Pē PSP° PIPēCḷPsPeCḷ C‡P°CḷC,PsC,Cḷ PSP°CḷPIPSPsCḷC,C- CḷCḷPīCḷC,PSCHPsPiPs CḷPēPSPPrCḡPsPjCḷ PrPμC,,C-C†PēC,Cḷ CḷPIP°PiPē C- PīC-PīPμCḡP°PeC,PēPIPSsCḷC,C- PīCḡPē P±C-PiPsP»CḷCḡPSPēC... CḡPsP·P»P°PrP°C..., C-CḷPSCḷCḤC,CH PsP±PjPμPḡPμPSC- PrP°PSC- P·P±PμP·PīPμPePē PsPrPSPsC‡P°CḷPSPsPiPs P·P°CḷC,PsCḷCḷPIP°PSPSCḷ P°CḡPēPīC-PīCḡP°P·PsP»Cḷ C,P° CḷC,PēPjCḷP»CḷC,PsCḡC-PI, C,PsPjCḷ CḷP»C-Pr P·PsP±PμCḡPμPḡPSC-CḷC,CḤ P·P°CḷC,PsCḷPsPICḷPIP°C,Pē PīCḡPμPīP°CḡP°C, PḡP±C-P·PsP».B

PμP°PrC-PSPSCḷ.

PḡCḡPēPīC-PīCḡP°P·PsP» PjPsPḡPμ CḷPīCḡPēC‡PēPSCḷC,Pē CḷPsPSP»PēPIC-CḷC,CH, PsCḡC,PsCḷC,P°C,PēC‡PSCḷ PīC-PīPsC,PμPSP·C-CḤ, CḡCḷC...PsPICḷ C,P° CḷPμPSCḷPsCḡPSCḷ PSPμCḷC,P°P±C-P»CHPSC-CḷC,CH, C%Ps PjPsPḡPμ PīCḡPēP·PIPμCḷC,Pē PrPs PīP°PrC-PSPSCḷ. PŷP»C-Pr PrPsC,CḡPēPjCḷPIP°C,PēCḷCḷ PsP±PμCḡPμPḡPSPsCḷC,C- PīCḡPē P»C-PeCḷPIP°PSPSC- PīP°C†C-C''PSC,C-PI P·PīC-PrPIPēC%PμPSPēPj CḡPēP·PēPePsPj C,P° PīPsC‡PēPSP°C,Pē P»C-PeCḷPIP°PSPSCḷ P·PSPēPḡC‡PēC... PīPsC‡P°C,PePsPIPēC... PrPsP· (PSP°PīCḡPēPeP»P°Pr, PrP»Cḷ PīP°C†C-C''PSC,C-PI P»C-C,PSCHPsPiPs PIC-PeCḷ P°P±Ps PsCḷP»P°P±P»PμPSPēC... PīP°C†C-C''PSC,C-PI; PrPēPI. CḡPsP·PrC-P» B«PŷPīPsCḷC-P± P·P°CḷC,PsCḷCḷPIP°PSPSCḷ C,P° PrPsP·PēB»).

*P—P°CÍC,PsCÍCáPIP°PSPSCÍ C á PiPµCĤC-PsPr PIP°PiC-C,PSPsCÍC,C- P°P±Ps
PiPsPrCáPIP°PSPSCÍ PiCĤCáPrPrCĤ.*

PĥPrPµPePIP°C,PSPëC... C- PrPsP±CĤPµ PePsPSC,CĤPsP»CHßPsPIP°PSPëC...
PrPsCÍP»C-PrP¶PµPSCĤ C°PsPrPs P·P°CÍC,PsCÍCíPIP°PSPSCÍ P°CĤPëPiC-PiCĤP°P·PsP»Cí
PIP°PiC-C,PSPëPj PSPµ PiCĤPsPIPsPrPëP»Pë. PµPsPIC-PrPsPjP»CÍP»PsCÍCÍ PiCĤPs
PICĤPsPrP¶PµPSC- P°PSPsPjP°P»C-C—, PiCĤPsC,Pµ PiCĤPëC±PëPSPSPs-
PSP°CÍP»C-PrPePsPIPëP№ P·PIßĤ™ CÍP·PsPe PSPµ PsC†C-PSCĤPIP°PICÍCÍ. P´P°CÍPIPSC-
PrP°PSC- PrPsCÍP»C-PrP¶PµPSCĤ PSP° C,PIP°CĤPëPSP°C... PSPµ PrP°CĤC,CHß P·PjPsPiPë
PIPëPeP»CĤC±PëC,Pë PjPsP¶P»PëPIC-CÍC,CHß PµPjP±CĤC-PsC,,PµC,PsC,PsPeCÍPëC±PSPsCÍC,C-.
PµP°C†C-C°PSC,PeP°Pj, CÍPeC- P·P°CÍC,PsCÍPsPICíCĤC,CHß P°CĤPëPiC-PiCĤP°P·PsP»,
CÍP»C-Pr PiPsCĤP°PrPëC,PëCÍCÍ P· P»C-PeP°CĤPµPj Cí CĤP°P·C- PSP°CÍC,P°PSPSCÍ
PIP°PiC-C,PSPsCÍC,C- P°P±Ps PiP»P°PSCíPIP°PSPSCÍ PIP°PiC-C,PSPsCÍC,C-. P§PµCĤPµP·
PSPµPrPsCÍC,P°C,PSC-CÍC,CHß PrP°PSPëC... P· P±PµP·PiPµPePë Cí PiPµCĤC-PsPr
PIP°PiC-C,PSPsCÍC,C- PiCĤPµPiP°CĤP°C, PjPsP¶PSP° PiCĤPëP·PSP°C±P°C,Pë C,C-P»CHßPePë
C,PsPrC-, PePsP»Pë PsC†C-PeCíPIP°PSP° PePsCĤPëCÍC,CHß PrP»CÍ P¶C-PSPePë
PiPµCĤPµPIPëC°CíC” PiPsC,PµPSC†C-P№PSPëP№ CĤPëP·PëPe PrP»CÍ PiP»PsPrP°. PµCĤPë
PiCĤPëP№PsPjC- PSPµP№CĤPsP»PµPiC,PëPeC-PI, PIPEP»CĤC±P°CĤC±Pë
P°CĤPëPiC-PiCĤP°P·PsP», PiCĤPsC,CÍPiPsPj P†P†P† C,CĤPëPjPµCÍC,CĤCí
PIP°PiC-C,PSPsCÍC,C- PjPsP¶P»PëPIPëP№ CĤPëP·PëPe PIPëPSPëPePSPµPSPSCÍ
PiPsP±C-C±PSPëC... CĤPµP°PeC†C-P№ Cí PSPsPIPsPSP°CĤPsPrP¶PµPSPëC...,
PIPEP»CĤC±P°CĤC±Pë PµPeCÍC,CĤP°PiC-CĤP°PjC-PrPSC- CÍPëPjPiC,PsPjPë C,P°/P°P±Ps
CÍPëPjPiC,PsPjPë PIC-PrPjC-PSPë CĤC-P·PSPsC— C,CÍP¶PePsCÍC,C- C,P°
C,CĤPëPIP°P»PsCÍC,C-. PµPsPIC-PrPsPjP»CÍP»Pë PiCĤPs P°P¶PëC,P°C†C-CĤ,
P°CĤC,PµCĤC-P°P»CHßPSCí PiC-PiPµCĤC,PµPSP·C-CĤ P°P±Ps PiC-PiPsC,PµPSP·C-CĤ,
C,CĤPµPjPsCĤ, CÍPsPSP»PëPIC-CÍC,CHß CĤPµCÍPiC-CĤP°C,PsCĤPSPëP№ PrPëCÍC,CĤPµCÍ
C±Pë CĤPsP·P»P°PrPë PiCĤPë PiPsPrCíPIP°PSPSC- PiCĤCíPrPrCĤ. PŷPsPjCí P·P°
PSPsPIPsPSP°CĤPsPrP¶PµPSPëPjPë PSPµPsP±C...C-PrPSPs CĤPµC,PµP»CHßPSPs
CÍPiPsCÍC,PµCĤC-PiP°C,Pë.

P”PsPrCáPIP°PSPSCÍ PiCĤCáPrPrCĤ.

PĥCĤPëPiC-PiCĤP°P·PsP» PiCĤPsPSPëPeP°C” Cí PiCĤCíPrPSPµ PjPsP»PsPePs.
P´PµPsP±C...C-PrPSPs PiCĤPëP№PSCÍC,Pë CĤC-C€PµPSPSCÍ C°PsPrPs
PiCĤPëPiPëPSPµPSPSCÍ PiPsPrCíPIP°PSPSCÍ PiCĤCíPrPrCĤ P°P±Ps
PiCĤPëPiPëPSPµPSPSCÍ/CíC,CĤPëPjP°PSPSCÍ PIC-Pr C,PµCĤP°PiC-C—
P°CĤPëPiC-PiCĤP°P·PsP»PsPj P· CíCĤP°C...CíPIP°PSPSCÍPj PePsCĤPëCÍC,C- PiCĤCíPrPSPsPiPs
PiPsPrCíPIP°PSPSCÍ PrP»CÍ PrPëC,PëPSPë C- PiPµCĤPµPIP°PiPë C,PµCĤP°PiC-C— PrP»CÍ
P¶C-PSPePë.

PꜛPµCĤC,PëP»CHßPSC-CÍC,CHß.

P’C-PrPiPsPIC-PrPSPs PrPs PrP°PSPëC... PrPsCÍP»C-PrP¶PµPSPSCÍ
CĤPµPiCĤPsPrCíPeC,PëPIPSsC— C,PsPeCÍPëC±PSPsCÍC,C- P°CĤPëPiC-PiCĤP°P·PsP» PSPµ
PIPiP»PëPIP°C” PSP° C,,PµCĤC,PëP»CHßPSC-CÍC,CHß.

*P—PrP°C,PSC-CÍC,CHß PIPiP»PëPIP°C,Pë PSP° C€PIPëPrPeC-CÍC,CHß CĤPµP°PeC†C-C—
PiCĤPë PePµCĤCáPIP°PSPSC- P°PIC,PsC,CĤP°PSCÍPiPsCĤC,PsPj P°P±Ps C-PSC€PëPjPë
PjPµC...P°PSC-P·PjP°PjPë.*

$$\text{P}^{\text{II}}\text{P}^{\circ}\text{C}\ddagger\text{C}-\text{C}''\text{PSC},\text{P}^{\circ}\text{Pj P} \cdot \text{P}^{\text{I}}\text{PsCTfCrCfPuPSPSClIPjP}^{\text{e}} \text{C}_{,,}\text{CrPSPeC}\ddagger\text{C}-\text{C}-\text{P}^{\text{I}}\text{PuC}\ddagger\text{C}-\text{PSPeP}^{\text{e}} \text{PIC-Pr}$$

$\text{PSP}^\circ\text{Cf}^\circ\text{C}, \text{PsC}, \text{P}^\circ \text{PiPsP} \pm \text{C}-\text{C} \ddagger \text{PSP} \ddot{\text{C}} \dots \text{C} \ddagger \text{P}_{\mu} \text{P}^\circ \text{PeC} \ddagger \text{C}-\text{Pn}_2, \text{P} \cdot \text{P}^\circ \text{C} \ddagger \text{P}_{\mu} \text{C}'' \text{Cf}^\circ\text{C}, \text{C} \ddagger \text{PsPIP}^\circ \text{PSP} \ddot{\text{C}} \dots \text{Cf}^\circ$
 $\text{PiPsCf}^\circ\text{C}, \text{PjP}^\circ \text{C} \ddagger \text{PeP}_{\mu} \text{C}, \text{P} \ddot{\text{e}} \text{PSPiPsPIP} \ddot{\text{e}} \text{Pn}_2 \text{PiP}_{\mu} \text{C} \ddagger \text{C}-\text{PsPr} \text{P} \cdot \text{P}^\circ \text{Cf}^\circ\text{C}, \text{PsCf}^\circ\text{Cf}^\circ \text{PIP}^\circ \text{PSPSC} \ddagger, \text{PSP}_{\mu}$
 $\text{PjPsP} \uparrow \text{P}_{\mu} \text{P} \pm \text{Cr}^\circ\text{C}, \text{P} \ddot{\text{e}} \text{PsC} \ddagger \text{C}-\text{PSP}_{\mu} \text{PSP}^\circ, \text{PsCf}^\circ \text{PeC}-\text{P} \gg \text{CHPePe} \ddot{\text{e}} \text{PIPsPSP} \ddot{\text{e}} \text{PsC}, \text{C} \ddagger \text{P} \ddot{\text{e}} \text{PjP}^\circ \text{PSC}-\text{P} \cdot \text{C}-$
 $\text{Cf}^\circ \text{PiPsPSC}, \text{P}^\circ \text{PSPSP} \ddot{\text{C}} \dots \text{P} \cdot \text{PIC}-\text{C}, \text{C}-\text{PI}, \text{C}, \text{PsPjCf}^\circ \text{PeP} \gg \text{P}^\circ \text{Cf}^\circ \text{P} \ddot{\text{e}} \text{C}_{\mu} \text{C}-\text{PeCf}^\circ\text{C}'' \text{C}, \text{CHCf}^\circ\text{C} \ddagger \text{C} \ddagger \text{Pe}$
 $\text{PSP}_{\mu} \text{PIC}-\text{PrPsPjP}^\circ.$

PŸPêCfC, PµPjPê PsCĤPİP°PSC-PI	PŞP°CfC, Ps	PkPµCİP°CfC, Ps	PŞP°CfC, PsC, P° PŞPµPIC-PrPsPjP°
P— P±PsPeCf PeCĤPsPIC- C, P° P»C- PjC, P°C, PêCİPSPsC— CfPêCfC, PµPjPê			PµPµPµPePsPİPµPSC- Cİİ PkPµPµC, CĤPsPİPµPSC- Cİİ PŸCĤPsPjP±PsCİPêC, PsPİPµPSC- Cİİ
P— P±PsPeCf C- PjCfPSPSPsC— CfPêCfC, PµPjPê			PĤP»PµCĤPİC- CİPSC- CĤPµP°PeCİC- C— (PSP°PİCĤPêPêP»P°Pr P°PSP°C, C- P»P°PeC, PêCİPSC- CĤPµP°PeCİC- C—; P°PSPİC- PsPSPµPİCĤPİC, PêCİPSPêPµ PŞP°P±CĤCİİPe, PİPeP»CĤCİPSPs P- B PSP°P±CĤCİİPePsPj CİİP- PêPeP°; PSP°P±CĤCİİPe B CİİP- PêPeP°, PSP°P±CĤCİİPe PsP±P»PêCİCİCİİ, CfPİPµCĤP±C- P¶ P°P±Ps PeCĤPsPİPêPİPİPİCİİPSPeP°)
P— P±PsPeCf PµPSPPrPsPeCĤPêPSPSPsC— CfPêCfC, PµPjPê		P°C- PİPµCĤPİCĤPsP»P°PeC, PêPSPµPjC- Cİİ	P°C- P°P±PµC, PêCİPSP° PİC- PİPµCĤPsCfPjPsP»CİİCĤPSP° PePsPjP° P°C- P°P±PµC, PêCİPSPêPµ PePµC, PsP°CİPêPrPsP-
P— P±PsPeCf PsP±PjC- PSCf CĤPµCİPSPİPSP C- C...P°CĤCİCfPİP°PSPSCİİ	PİCfPeCĤPsPİPêPµ PrC- P°P±PµC,	P°C- PİPµCĤPİP»C- PePµPjC- Cİİ	P°C- PİPsPSP°C, CĤC- C°PjC- Cİİ PĤPSPsCĤPµPeCfC- Cİİ
P— P±PsPeCf PİCfPêC...C- PePê	P°PµP- CİPSPSPSCİİ PŸCĤPêPİPsP¶PSC- CfC, CĤ PkPµCİPİPsPeC- Pµ	P°PµPİCĤPµCfC- Cİİ P°C- PİPµCĤCfPµPeCfCfP»P°CĤPSC- CfC, CĤ	PŸPİCĤPsP±Pê CfCfC- CİPêPrCf, CfCfC- CİPêPrP»P°CĤPSPµ PjPêCfP»PµPSPSCİİ C- P°PİPµCĤCêPµPSPµ CİP°PjPsPİCfP±CfC, PİPs (PrPêPİ. CĤPsP- PrC- P» B»PĤCfPsP±P»PêPİPsCfC, C- P- P°CfC, PsCfCfPİP°PSPCİİB») PµP°C, PsP»PsPİC- CİPSP° PİCĤPêCfC, CĤP°CfC, CĤ PrPs P°P- P°CĤC, PSPêC... C- PİPsCĤ P PsP- P»P°PrPê C- PjCfP»CĤCfPSPsPİPs PePsPSC, CĤPsP»CĤ PµPµCĤPµC— PrP°PSPSCİİ PkPµPİPµCĤPµP±PsCĤPSPêPµ PİPsC, CİİPİ PrPs PİPsPeCfPİPsPe PµPsCĤC- PsPjP°PSC- Cİİ PĤPİCĤPµCİPêPİPSC- CfC, CĤ P±CfPrP¶PµPSPSCİİ PkPµCĤPİPsP- PSC- CfC, CĤ
P— P±PsPeCf PŞPµCĤPİPsPİPsC— CfPêCfC, PµPjPê	PĤPeP°C, PêP- C- Cİİ P°PeCfC, CĤP°PİC- CĤP°PjC- PrPSC- PİPsCĤCfCêPµPSPSCİİ PŸCĤPµPjPsCĤ P°PsP»PsPİPSPêPµ P±C- P»CĤ PŸPµPrP°C, PêPİPSPêPµ PµC, PµPeC, PŸPsPSP»PêPİC- CfC, CĤ P— P°PİP°PjPsCĤPsCİPµPSPSCİİ	PµC- P- PSCİİ PrPêCfPêC- PSPµP- C- Cİİ P°PêCfC, PsPSC- Cİİ PŸPêPSPrCĤPsPj PŞPµCfPİPsPeC- PµPSPêC... PSC- Pİ	P— PµPSCİİPeC- CİPSPêPµ PŞPµPµCĤPsP»PµPİC, PêCİPSPêPµ CİPêPSPrCĤPsPj (P— PkPŸ) P°PµP»PêPePêPµ CfCfPrPsPjPSPêPµ PSP°PİP°Pr PŸPµCĤPsC, PsPSC- PSPsPİPêPµ CİPêPSPrCĤPsPj PµPsCĤCfCêPµPSPSCİİ PjPsPİP»PµPSPSCİİ
P— P±PsPeCf PsCĤPİP°PSC- Pİ P- PsCĤCf P- PsCĤCf	P PsP- PjPêC, C- CfC, CĤ PİPsP»Cİİ P- PsCĤCf	P°PêPİP°PsPİC- Cİİ P±PsC, PsC, PsP±C- Cİİ	PĤPeCfP»PsPİC- CĤPSPêPµ PeCĤPêP-
P— P±PsPeCf CİPµCĤCİCİİ	B	PŸP°C...C- PeP°CĤPrC- Cİİ	P°P°PİC, PsPİP° CİPµCĤCİPµPİP° CİPjPµCĤC, CĤ PµC- CĤCfPµC, PSP° CêP»CfPSPsCİPêPSPİP° C, P°C...C- PeP°CĤPrC- Cİİ PêP»CfPSPsCİPêPSPİP° P°CĤPêC, PjC- Cİİ P— CİPİPêPSPeP° CİPµCĤCİPµPİPsC— PrC- CİP»CĤPSPsCfC, C- P°CĤP°PrPêPeP°CĤPrC- Cİİ
P— P±PsPeCf CfCfPrPêPS	B	PĤCĤC, PsCfC, P°C, PêCİPSP° PİC- PİPsC, PµPSP- C- Cİİ	P°PµPSPsP- PSP° C, CĤPsPjP±PsPµPjP±PsP»C- Cİİ (PİPeP»CĤCİP°CĤCİPê P°PµPİPµPSPµPİCf PµPjP±PsP»C- CĤ C, P° C, CĤPsPjP±PsP- PİP»PêP±PsPePêC... PİPµPS) P°C- PİPµCĤC, PµPSP- C- Cİİ PŸPêPSPePsPİPµ
P— P±PsPeCf PrPêC...P»CĤPSPsC— CfPêCfC, PµPjPê, PsCĤPİP°PSC- Pİ PİCĤCfPrPSPsC— PeP»C- C, PePê C, P° CİPµCĤPµPrPsCfC, C- PSPSCİİ	B	P°PêPeP°PİPeP°	P°PµPİPµPİPjPsPSC- Cİİ P°P°CĤPêPSPİPsCİPİP°P- Pj P PsC, PsPİP»PsC, PePsPİPêPµ CİPİP°P- Pj
P— P±PsPeCf C, CĤP°PİPSPsC— CfPêCfC, PµPjPê	P— P°PİPsCĤ P°PêCİPİPµPİCfC- Cİİ PkCfPrPsC, P° PkP°PrPjC- CĤPSPµ CİP»PêPSPsPİPêPrC- P»PµPSPSCİİ P°P»CĤPİP°PSPSCİİ	B	PµP°PSPeCĤPµP°C, PêC, P°PêCfC, P°PİC- Cİİ P°C- P°CĤPµCİİ P°PêCfPePsPjC, PsCĤC, Cf P¶PİPİPsC, C- P°PêCfPePsPjC, PsCĤC, Cf CêP»CfPSPeCf
P— P±PsPeCf PİPµCİC- PSpêPê C- P¶PİPICİPSPİPİPIC- PrPSPêC... CêP»CİC...C- Pİ	B	B	PµPµCİC- PSpPePSPİP° PSPµPrPsCfC, P°C, PSC- CfC, CĤ P°PµPİP°C, PêC, P- PsPİC, CİPSPPêCİCİİ
P— P±PsPeCf CêPeC- CĤPê C- PİC- PrCêPeC- CĤPSPêC... C, PeP°PSPêPS	B	B	P°PêCİPêPİP°PSPSCİİ P PµP°PeCİC- C— C, PsC, PsCİCfC, P»PêPİPsCfC, C- PĤP»PsPİPµCİC- Cİİ PµPsCİPêP»PµPSPµ PİPsC, PsPİPêPrC- P»PµPSPSCİİ PµPµPrPêPeP°PjPµPSC, PsP- PSP° CĤPµP°PeCİC- Cİİ P- PµPsP- PêPSPsC, C- P»C- C°CĤ C, P° B CİPêCfC, PµPjPSPêPjPê CİPêPjPİC, PsPjP°PjPê (DRESS- CİPêPSPrCĤPsPj)
P— P±PsPeCf CİPµPµP»PµC, PSPs- PjPĤ™ CİP- PsPİPsC— C, P° CİPİPsP»CfCİPSPsC— C, PeP°PSPêPS	B	B	P°P±PrPsPjC- PsP»C- P- PµC- P°P°PİC- Cİİ P PêPİC- PrPSC- CfC, CĤ PjPĤ™ CİP- C- Pİ

P— P±PsPeCf PSpëCtjPsPe C- CfPµC±PsPiPëPIC-PrPSPëC... CëP»CtjC...C-PI	B	B	PkPµC,CtjPëPjP°PSPSCtj CtPµCtC- P—P°C,CtjPëPjPëP° CfPµC±PsPiPëPfcfCfPeP°PSPSCtj
P°P°PiC-C,PSC-CfC,Ctj, PµC-CfP»CtjPjPsP»PsPiPsPIC- C- PiPµCtjPëPSP°C,P°P»CtjPSC- CfC,P°PSPë			PYPëPSPPrCtjPsPj PIC-PrPjC-PSPë PiCtjPµPiP°CtjP°C,Cf PI PSPsPiPsPSP°CtjPsPrPµPSPëC... (PrPëPI. CtjPsP-PrC-P» B«P—P°CfC,PscCfCfPiP°PSPSCtj Cf PiPµCtjC-PsPr PiP°PiC-C,PSPsCfC,C- P°P±Ps PiPsPrCfPiP°PSPSCtj PiCtjCfPrPrCtjB»)
P— P±PsPeCf CfC,P°C,PµPiPëC... PsCtjPiP°PSC-PI C,P° PiPsP»PsC±PSPëC... P-P°P»PsP.			PµCtjC-P°PiC-P-Pj
PjCfPëP»P°PrPSPµPSPSCtj P-P°PiP°P»CtjPSPsPiPs C...P°CtjP°PeC,PµCtjCf C- CtjPµP°PeCfC-C— Cf PjC-CfCfC- PiPiPµPrPµPSPSCtj	P°C,PsjP°		PµPsCtjCfCëPµPSPSCtj C,PµPjPiPµCtjP°C,CfCtjPSPsC- CtjPµPiCfP»CtjCfC-C— (PSP°PiCtjPëPeP»P°Pr PiC-PiPsC,PµCtjPjC-Ctj, PiC-CtjPµPeCfC-Ctj) P°C-P»Ctj Cf PiCtjCfPrCtjC... PµPµCtjPëC,PµCtjPëC±PSPëPµ PSP°P±CtjCtjPe
P-P°P±PsCtjP°C,PsCtjPSC- PrPsCfP»C-PrPµPµPSPSCtj	B	B	P—PSPëPµPµPSPSCtj PjP°CfPë C,C-P»P° P—P±C-P»CtjCëPµPSPSCtj PjP°CfPë C,C-P»P° PµC-PrPiPëC%PµPSPSCtj CtjC-PIPSCtj B P°P»P°PSC-PSP°PjC-PSPsC,CtjP°PSCfC,PµCtjP°P-Pë (PhP°Pj) PµC-PrPiPëC%PµPSPSCtj CtjC-PIPSCtj P°CfPiP°CtjC,P°C,P°PjC-PSPsC,CtjP°PSCfC,PµCtjP°P-Pë (PhP°Pj) PµC-PrPiPëC%PµPSPSCtj CtjC-PIPSCtj PiP°PjPjP°. PiP°CfC,P°PjC-P»C,CtjP°PSCfC,PµCtjP°P-Pë (P°P°Pj) PµC-PrPiPëC%PµPSPSCtj CtjC-PIPSCtj P»CfPµPSPsC- C,PscCfC,P°C,P°P-Pë PµPsPrPsPiPµPµPSPSCtj C-PSC,PµCtjPiP°P»Cf QT PµC-PrPiPëC%PµPSPSCtj CtjC-PIPSCtj PiP°CtjPePsP-Pë PeCtjPsPIC- PµC-PrPiPëC%PµPSPSCtj CtjC-PIPSCtj PiP°C-PePsP-PëP»CtjPsPiP°PSPsPiPs PiPµPjPiP»PSP±C-PSCf PµPsP»PëPiP°PSPSCtj CtjC-PIPSCtj PiP°CtjPePsP-Pë PeCtjPsPIC- PµC-PrPiPëC%PµPSPSCtj CtjC-PIPSCtj PeCtjPµP°C,PëPSC,PscCfC,PscPeC-PSP°P-Pë

PhPiPëCf PsPeCtjPµPjPëC... PiPsP±C-C±PSPëC... CtjPµP°PeCfC-PNë

P°PScCtjPsCfP»C-

P•PeCfC,CtjP°PiC-CtjP°PjC-PrPSC- CfPëPjPiC,PsPjPë (P•PµPj)

PëPëP•PsC„CtjPµPSC-Ctj: Cr 52-C,PëPµPSPµPiPsPjCf PePsPSC,CtjPsP»CtjPsPiP°PSPsPjCf
PrPsCfP»C-PrPµPµPSPSC- Cr PiP°CfC-C°PSC,C-PI, CtjPeC- PsC,CtjPëPjCfPiP°P»Pë
P°CtjPëPiC-PiCtjP°P•PsP», C±P°CfC,PsC,P° CtjPsP•PiPëC,PeCf P•PµPj,
PiPeP»CtjC±P°CtjC±Pë PiP°CtjPeC-PSCfPsPSC-P•Pj, P°PeP°C,PëP•C-Ctj,
PrPëCfC,PsPSC-Ctj C,P° PrPëCfPeC-PSPµP•C-Ctj, P±CfP»P° PSPëPµC±PsCtj (25,7 %)
PiPsCtjC-PIPSCtjPSPs P• PiP°CfC-C°PSC,P°PjPë, CtjPeC- PsC,CtjPëPjCfPiP°P»Pë
PiP°P»PsPiPµCtjPëPrPsP» (57,3 %). Pj C,CtjPëPiP°P»PsPjCf 26-C,PëPµPSPµPiPsPjCf
PiP»P°CfPµP±PsPePsPSC,CtjPsP»CtjPsPiP°PSPsPjCf PrPsCfP»C-PrPµPµPSPSC- C±P°CfC,PsC,P°
P•PµPj P±CfP»P° 19 % Cr PiP°CfC-C°PSC,C-PI, CtjPeC- P»C-PeCfPiP°P»PëCfCtj
P°CtjPëPiC-PiCtjP°P•PsP»PsPj, C,P° 13,1 % Cr PiP°CfC-C°PSC,C-PI, CtjPeC-
PsC,CtjPëPjCfPiP°P»Pë PiP»P°CfPµP±Ps. P' C-PSCëPsPjCf 26-C,PëPµPSPµPiPsPjCf
PePsPSC,CtjPsP»CtjPsPiP°PSPsPjCf PrPsCfP»C-PrPµPµPSPSC- C±P°CfC,PsC,P° P•PµPj
P±CfP»P° 14,8 % Cr PiP°CfC-C°PSC,C-PI, CtjPeC- PsC,CtjPëPjCfPiP°P»Pë P»C-PeCfPiP°PSPSCtj
P°CtjPëPiC-PiCtjP°P•PsP»PsPj, C- 15,1 % Cr PiP°CfC-C°PSC,C-PI, CtjPeC- PsC,CtjPëPjCfPiP°P»Pë
P»C-PeCfPiP°PSPSCtj PsP»P°PSP•P°PiC-PSPsPj.

PµP°PSC-P°PeP°P»CtjPSC- PµPiC-P•PsPrPë PiCtjPë P±C-PiPsP»CtjCtjPSPsPjCf CtjPsP•P»P°PrC-
I C,PëPiCé: Cr PePsPSC,CtjPsP»CtjPsPiP°PSPsPjCf 12-C,PëPµPSPµPiPsPjCf
PrPsCfP»C-PrPµPµPSPSC- C±P°CfC,PsC,P° P•PµPj CfC,P°PSPsPiPëP»P° 23,5 % Cr
PiP°CfC-C°PSC,C-PI, CtjPeC- P»C-PeCfPiP°P»PëCfCtj P°CtjPëPiC-PiCtjP°P•PsP»PsPj, C- 53,3 %
Cr PiP°CfC-C°PSC,C-PI, CtjPeC- PsC,CtjPëPjCfPiP°P»Pë PiP°P»PsPiPµCtjPëPrPsP». P'
C-PSCëPsPjCf 12-C,PëPµPSPµPiPsPjCf PrPsCfP»C-PrPµPµPSPSC- C±P°CfC,PsC,P°
PiPëPSPëPePSPµPSPSCtj P•PµPj CfC,P°PSPsPiPëP»P° 26,6 % Cr PiP°CfC-C°PSC,C-PI, CtjPeC-
PsC,CtjPëPjCfPiP°P»Pë P°CtjPëPiC-PiCtjP°P•PsP», C-

P' PsP±B₇TM C'' PrPSP°PSC-PN₂ PiC₇Cr₇PiC- PiC-PrP»C-C,PeC-PI C-P· C€PëP·PsC,,C₇PμPSC-C''C₇ Cr₇ PIC-C†C- 13B₇"17 C₇PsPeC-PI PiC₇Pë C,C₇PëPIP°P»PsC₇C,C- P»C-PeCrPIP°PSPSC₇ P°C₇PëPiC-PiC₇P°P·PsP»PsPj PrPs 2 C₇PsPeC-PI C‡P°C₇C,P₇S,C,P° P·PSPëP¶PμPSPSC₇ C₇C-PIPSC₇ PiC₇PsP»P°PeC,PëPSC₇ Cr₇ PrC-PIC‡P°C,P₇Pe (< 3 PSPI/PjP») C- C...P»PsPiC‡PëPeC-PI (< 2 PSPI/PjP») C₇C,P°PSPsPIPëP»P° 29,5 % C- 48,3 % PIC-PrPiPsPIC-PrPSPs. PJ PiC-PrP»C-C,PeC-PI C-P· C€PëP·PsC,,C₇PμPSC-C''C₇ Cr₇ PIC-C†C- 13B₇"17 C₇PsPeC-PI, C₇PeC- PsC,C₇PëPjCr₇PIP°P»Pë PIC-Pr 5 PrPs 30 PjPi P°C₇PëPiC-PiC₇P°P·PsP»Cr₇ PiC₇PsC,C₇PiPsPj PiPμC₇C-PsPrCr₇ PrPs 72 PjC-C₇C₇C†C-PI, C‡P°C₇C,P₇S,C,P° P·PSPëP¶PμPSPSC₇ C₇C-PIPSC₇ PiC₇PsP»P°PeC,PëPSC₇ Cr₇ PrC-PIC‡P°C,P₇Pe (< 3 PSPI/PjP») C- C...P»PsPiC‡PëPeC-PI (<

2 PSpI/PjP») CÍC,P°PSPsPIPëP»P° 25,6 % C- 45,0 % PIC-PrPİPsPIC-PrPSPs.

PJ PrPIPsC... PeP»C-PSC-C†PSPëC... PrPsCÍP»C-PrP¶PµPSPSCİC... P· CÍC†P°CÍC,Cİ PİC-PrP»C-C,PeC-PI (CÍ PIC-C†C- 13вҖґ17 CҖPsPeC-PI) C-P· CЄPëP·PsC,,CҖPµPSC-C”CҖ C- P±C-PİPsP»CİCҖPSPëPj CҖPsP·P»P°PrPsPj, CİPeC- PsC,CҖPëPjCÍPIP°P»Pë P°CҖPëPİC-PİCҖP°P·PsP», C†P°CÍC,PsC,P° P·PSPëP¶PµPSPSCİC CҖC-PIPSİCİ PİCҖPsP»P°PeC,PëPSCÍ CÍ PrC-PIC†P°C,PsPe (< 3 PSpI/PjP») C- C...P»PsPİC†PëPeC-PI (< 2 PSpI/PjP») CÍC,P°PSPsPIPëP»P° 37,0 % C- 59,4 % PIC-PrPİPsPIC-PrPSPs.

PµP°PSC-P°PeP°P»CHPSC- PµPİC-P·PsPrPë PİCҖPë P±C-PİPsP»CİCҖPSPsPjCž CҖPsP·P»P°PrC- I C,PëPİCž Cž PİC-PrP»C-C,PeC-PI PIC-PePsPj PIC-Pr 13 CҖPsPeC-PI

PŞP°CÍC,PsC,P° C,P° C,PëPİ PİPsP±C-C†PSPëC... CҖPµP°PeC†C-PNë CÍ PİC-PrP»C-C,PeC-PI C-P· P±C-PİPsP»CİCҖPSPëPj CҖPsP·P»P°PrPsPj C,PëPİCÍ I P±CÍP»Pë PİPsPrC-P±PSPëPjPë PrPs C,P°PePëC... CÍ PrPsCҖPsCÍP»PëC..., P·P° PIPëPSCİC,PePsPj C,P°PePëC... PİPsP±C-C†PSPëC... CҖPµP°PeC†C-PNë: PrCÍP¶Pµ C†P°CÍC,Ps (≥ 1/10) вҖґ” CÍPsPSP»PëPIC-CÍC,Cİ (23,0 %), PµPeCÍC,CҖP°PİC-CҖP°PjC-PrPSC- CҖPsP·P»P°PrPë (18,4 %), P°PeP°C,PëP·C-Cİ (16,0 %) C,P° PIC,PsPjP° (11,8 %); C†P°CÍC,Ps (≥ 1/100, < 1/10) вҖґ” P±C-P»Cİ CÍ PIPµCҖC...PSC-PNë C†P°CÍC,PëPSC- P¶PëPIPsC,P°, PİCҖPëCÍPePsCҖPµPSPµ CÍPµCҖC†PµP±PëC,C,Cİ, P·P±C-P»CİCЄPµPSPSCİC PjP°CÍPë C,C-P»P°, PİC-PrPIPëC%PµPSPSCİC P°PİPµC,PëC,CÍ, PİPsCÍPjPëPeCÍPIP°PSPSCİC PjвҖґ™ CİP·C-PI C,P° PrPëCÍPeC-PSPµP·C-Cİ.

PµPsP±C-C†PSC- CҖPµP°PeC†C-C—, CİPeC-, PjPsP¶P»PëPIPs, C” PrPsP·PsP·P°P»PµP¶PSPëPjPë: PµPeCÍC,CҖP°PİC-CҖP°PjC-PrPSC- CҖPsP·P»P°PrPë (C†P°CÍC,PsC,P° CҖPsP·PIPëC,PeCÍ PİCҖPë P·P°CÍC,PsCÍCÍPIP°PSPSC- P°CҖPëPİC-PİCҖP°P·PsP»CÍ PI PrPsP·C- 10 PjPi вҖґ” 9,1 %, 30 PjPi вҖґ” 28,8 %, PİCҖPë P·P°CÍC,PsCÍCÍPIP°PSPSC- PİP»P°C†PµP±Ps вҖґ” 1,7 %); P°PeP°C,PëP·C-Cİ (C†P°CÍC,PsC,P° CҖPsP·PIPëC,PeCÍ PİCҖPë P·P°CÍC,PsCÍCÍPIP°PSPSC- P°CҖPëPİC-PİCҖP°P·PsP»CÍ 10 PjPi вҖґ” 12,1 %, 30 PjPi вҖґ” 20,3 %, PİP»P°C†PµP±Ps вҖґ” 1,7 %).

PŸPµCҖPµPrPSC” P·PSP°C†PµPSPSCİC P·PjC-PSPë PjP°CÍPë C,C-P»P° CÍ PİC-PrP»C-C,PeC-PI P· P±C-PİPsP»CİCҖPSPëPj CҖPsP·P»P°PrPsPj I C,PëPİCÍ PSP° 12- PjCÍ C,P° B 30-PjCÍ C,PëP¶PSC- P»C-PeCÍPIP°PSPSCİC P°CҖPëPİC-PİCҖP°P·PsP»PsPj CÍC,P°PSPsPIPëP»Ps 2,4 PePi C,P° 5,8 PePi, P° PI PİCҖCÍPİC- PİP»P°C†PµP±Ps вҖґ” 0,2 PePi C,P° 2,3 PePi PIC-PrPİPsPIC-PrPSPs.

PJ PİPµPrC-P°C,CҖPëC†PSC-PNë PİPsPİCÍP»CİC†C-C— C†P°CÍC,C-CЄPµ CÍPİPsCÍC,PµCҖC-PİP°P»Pë CÍPsPSP»PëPIC-CÍC,Cİ C,P° PIC,PsPjCÍ CÍ PİP°C†C-C”PSC,C-PI P· P±C-PİPsP»CİCҖPSPëPj CҖPsP·P»P°PrPsPj PİPsCҖC-PIPSİCİPSPs P· CЄPëP·PsC,,CҖPµPSC-C”CҖ.

PJ PİPµPrC-P°C,CҖPëC†PSPëC... PİP°C†C-C”PSC,C-PI PIC-PePsPj 10вҖґ17 CҖPsPeC-PI P· P±C-PİPsP»CİCҖPSPëPj CҖPsP·P»P°PrPsPj PİCҖPë C,CҖPëPIP°P»PsCÍC,C- P·P°CÍC,PsCÍCÍPIP°PSPSCİC P»C-PeP°CҖCÍCHPePsPİPs P·P°CÍPsP±CÍ PrPs 30 C,PëP¶PSC-PI C†P°CÍC,PsC,P° P·PSPëP¶PµPSPSCİC CҖC-PIPSİCİ PİCҖPsP»P°PeC,PëPSCÍ CÍ PrC-PIC†P°C,PsPe (< 3 PSpI/PjP») C- C...P»PsPİC†PëPeC-PI (< 2 PSpI/PjP») CÍC,P°PSPsPIPëP»P° 28,0 % C- 53,3 % PIC-PrPİPsPIC-PrPSPs.

PµP°C,PsP»PsPİC-C†PSP° CÍC...PëP»CHPSC-CÍC,Cİ PrPs P°P·P°CҖC,PSPëC... C-PİPsCҖ C,P° C-PSCЄC- PİPsCҖCžCЄPµPSPSCİC PePsPSC,CҖPsP»CҖ C-PjPİCžP»CİCÍPSPsC—

PiPsPIPμPrC-PSPePë

PμP°C†C-C" PSC, Pë, CμPeC- PiCηPëPNëPjP°CηC, CH P°CηPëPiC-PiCηP°P·PsP»,
PjPsP¶C†C, CH PIC-PrC†C†PIP°C, Pë PiP°C, PsP»PsPiC-C†PSC† C†C... PëP»CHPSC-C†C, CH
PrPs P°P·P°CηC, PSPëC... C-PiPsCη, PiC-PiPμCηC†PμPeC†C†P°P»CHPSC-C†C, CH,
C†C... PëP»CHPSC-C†C, CH PrPs PePsPjPiC†P»CHC†PëPIPSPëC... PiPsPeC†PiPsPe C-
PePsPjPiC†P»CHC†PëPIPSPsPiPs PiPμCηPμC—PrP°PSPSCμ (PrPëPI. CηPsP·PrC-P»
B«PhC†PsP±P»PëPIPsC†C, C- P·P°C†C, PsC†C†PIP°PSPSCμB»).

-

PμPsPIC-PrPsPjP»PμPSPSCμ PiCηPs PiC-PrPsP·CηCηPIP°PSC- PiPsP±C-C†PSC-
CηPμP°PeC†C-C—

PμPsPIC-PrPsPjP»PμPSPSCμ PiCηPs PiPsP±C-C†PSC- CηPμP°PeC†C-C— PiC-C†P»Cμ
CηPμC" C†C, CηP°C†C-C— P»C-PeP°CηC†CHPePsPiPs P·P°C†PsP±C† PjP°C" PIP°P¶P»PëPIPμ
P·PSP°C†PμPSPSCμ. PμPrP°C" P·PjPsPiC† PiCηPsPIPsPrPëC, Pë PjPsPSC-C, PsCηPëPSPi
C†PiC-PIPIC-PrPSPsC€PμPSPSCμ PePsCηPëC†C, CH/CηPëP·PëPe PiCηPë
P·P°C†C, PsC†C†PIP°PSPSC- C†CHPsPiPs P»C-PeP°CηC†CHPePsPiPs P·P°C†PsP±C†.
PhPμPrPëC†PSPëPj C, P° C,, P°CηPjP°C†PμPIC, PëC†PSPëPj PiCηP°C†C-PIPSPëPeP°Pj, P°
C, P°PePsP¶ PiP°C†C-C" PSC, P°Pj P°P±Ps C—... P·P°PePsPSPSPëPj PiCηPμPrC†C, P°PIPSPëPeP°Pj
C†P»C-Pr PiPsPIC-PrPsPjP»CμC, Pë PiCηPs C†C†C- PIPëPiP°PrPePë PiC-PrPsP·CηCηPIP°PSPëC...
PiPsP±C-C†PSPëC... CηPμP°PeC†C-PNë C, P° PIC-PrC†C†C, PSPsC†C, C-
PμC,, PμPeC, PëPIPSPsC†C, C- P»C-PeP°CηC†CHPePsPiPs P·P°C†PsP±C† C†PμCηPμP·
PhPIC, PsPjP°C, PëP·PsPIP°PSC† C-PSC,, PsCηPjP°C†C-PNëPSC† C†PëC†C, PμPjC† P·
C,, P°CηPjP°PePsPSP°PiP»CμPrC† P·P° PiPsC†PëP»P°PSPSCμPj: <https://aisf.dec.gov.ua>.

PjPμCηPjC-PS PiCηPëPrP°C, PSPsC†C, C-. 3 CηPsPePë.

PIPjPsPIPë P·P±PμCηC-PiP°PSPSCμ.

P—P±PμCηC-PiP°C, Pë PiCηPë C, PμPjPiPμCηP°C, C†CηC- PSPμ PIPëC‰Pμ 25 B°PŸ PI
PsCηPëPiC-PSP°P»CHPSC-PNë C†PiP°PePsPIC†C-.

P—P±PμCηC-PiP°C, Pë PI PSPμPrPsC†C, C†PiPSPsPjC† PrP»Cμ PrC-C, PμPNë PjC-C†C†C-.

PJPiP°PePsPIPëP°.

PμPs 14 C, P°P±P»PμC, PsPe C† P±P»C-C†C, PμCηC-, PiPs 2 P±P»C-C†C, PμCηPë C†
PeP°CηC, PsPSPSC-PNë C†PiP°PePsPIC†C-.

PμP°C, PμPiPsCηC-Cμ PIC-PrPiC†C†PeC†. P—P° CηPμC†PμPiC, PsPj.

P'PëCḡPsP±PSPëPe.

PḱPḥP'P•P> P†P>PḡP§ PŸPḡPḱPḡP‡ P'P• PŸIP''P-PḡP P•PŸ Pḡ.PË.

**PḥC-CÍC†PḡP•PSP°C...PsPrP¶PḡPSPSCḡ PIPëCḡPsP±PSPëPeP° C,P° P°PrCḡPḡCÍP°
PjC-CÍC†Cḡ PïCḡPsPIP°PrP¶PḡPSPSCḡ P№PsPiPs PrC-CḡP»CHḡPSPsCÍC,C-.**

PḷPIP°CḡC,P°P» PŸP°PSPeP°PeP»P°Cḡ, PïCḡ. P•CÍPeC- PḡPeC‡P°PePsPrP¶P°, в„-299, 81100
Pj. P''CḡP•PrP¶Pḡ, PŸCÍCḡPḡC‡C‡PëPSP°.