

**PrP»CŮ PjPµPrPëC±PSPsPiPs P·P°CŮC,PsCŮCŮPIP°PSPSCŮ P»C-PëP°CŮCŮCŮCŮPëPsPiPs
P·P°CŮPsP±CŮ**

(BONAPUR)

$P \dot{Y} P \in P \gg P^{\circ} P_{\Gamma}$:

$$\text{PrC-CHC}\ddagger\text{P}^\circ \text{ C}\ddagger\text{P}_{\text{u}}\text{C}\ddagger\text{PsPIP}\ddot{\text{e}}\text{PSP}^\circ: \text{C-P}\ddagger\text{P}^\circ\text{PSP}\ddot{\text{r}}\text{C}\ddagger\text{P}_{\text{s}}\text{PSPsPIP}^\circ \text{PeP}\ddot{\text{e}}\text{C}\ddot{\text{r}}\text{P}\gg\text{PsC,P}^\circ;$$

1 C, P°P±P»P₁C, P_eP°, PIPeC₇P_eC, P° P_iP»C-PIPePsPIPsC₇ PsP±PsP»PsPSPePsC₇, P_jC-C₇C, P_eC, C₇ C-P±P°PSP_rC₇PsPSPsPIPsC— P_eP_eC₇P»PsC, P_e 150 P_jP_i C_r C₇, PsC₇P_jC-PSP°C, C₇C-C₇ C-P±P°PSP_rC₇PsPSP°C, C_r P_jPsPSPsP_iC-PrC₇P°C, C_r 168,79 P_jP_i;

PrPsPiPsPjC-P¶PSC- C¶PµC±PsPIPëPSPë: PiPsPIC-PrPsPS, C±PµP»C¶P»PsP·P°
PjC-PeC¶PsPeC¶PëC¶C, P°P»C-C±PSP°, PeC¶PsC...PjP°P»C¶
PiC¶PµP¶PµP»P°C, PëPSC-P·PsPIP°PSPëPNë, PeC¶PsC¶PiPsPIC-PrPsPS (C, PëPi P¶),
PeC¶PµPjPSC-C¶ PrC-PsPeC¶PëPr PePsP»PsC—PrPSPëPNë P±PµP·PIPsPrPSPëPNë,
PiP»C-C±PµC¶PsP»C¶ PrPëP±PµPiPµPSP°C,;

$\text{PiP} \gg \text{C-PIPePsPIP}^\circ \text{ PsP} \pm \text{PsP} \gg \text{PsPSPeP}^\circ$; $\text{PiC-PiC}\tilde{\text{C}}\tilde{\text{H}}\text{PsPjP}\mu\text{P} \gg \text{PsP} \cdot \text{P}^\circ$ 15 $\text{C}\tilde{\text{I}}\text{P}$; $\text{PiC-PiC}\tilde{\text{C}}\tilde{\text{H}}\text{PsPjP}\mu\text{P} \gg \text{PsP} \cdot \text{P}^\circ$ 3 $\text{C}\tilde{\text{I}}\text{P}$; $\text{PiC-PiC}\tilde{\text{C}}\tilde{\text{H}}\text{PsPjP}\mu\text{P} \gg \text{PsP} \cdot \text{P}^\circ$ 50 $\text{C}\tilde{\text{I}}\text{P}$; $\text{C,PeC,P}^\circ\text{PSCr PrC-PsPeC}\tilde{\text{I}}\text{P}\tilde{\text{P}}\text{Pr}$

(P• 171); PjP°PeC₇PsPiPsP»; P»P°PeC,PsP·P°, PjPsPSPsPiC-PrC₇P°C,.

P>C-PeP°CĤCĤPeP° C,,PsCĤPjP°. PŷP°P±P»PµC,PePě, PIPeCĤPěC,C- PĪP»C-PIPePsPIPsCĤ PsP±PsP»PsPSPePsCĤ.

PhClPSPsPIPSC- C,,C-P-PëPePs-C...C-PjC-C±PSC- PIP»P°CÍ'C,PëPIPsCl'C,C-: P±C-P»C-
PeCñCíPiP»C- PrPIPsPsPíCíPeP»C- C,P°P±P»PuC,PePë P· CñPsP·PjC-CñP°PjPë 11,2 PjPj

B $\pm$ 0,1 PjPj B $\overline{H}$ " PrC-P $^{\circ}$ PjP μ C,C $\overline{H}$ C,P $^{\circ}$ 5,0 PjPj B $\pm$ 0,2 PjPj B $\overline{H}$ " C,PsPIC% $_{\circ}$ P $\overline{e}$ PSP $^{\circ}$.

$$\text{P}\alpha\text{P}^{\circ}\text{C}\overline{\text{H}}\text{PjP}^{\circ}\text{PePsC}, \text{P}\mu\text{C}\overline{\text{H}}\text{P}^{\circ}\text{PiP}\mu\text{PIC}, \text{P}\overline{\text{e}}\text{C}\ddagger\text{PSP}^{\circ} \text{PiC}\overline{\text{H}}\text{C}\acute{\text{r}}\text{PiP}^{\circ}$$

$P-P^{\circ}Cl^{\circ}PsP\pm P\ddot{e}$, $C\%Ps$ $P\cdot P^{\circ}Cl^{\circ}C$, $PsCl^{\circ}PsPIC^{\circ}C\overline{H}C$, $CH_3Cl^{\circ}Cl\dot{I}$ $PrP\gg Cl\dot{I}$ $P\gg C-PeCl^{\circ}PIP^{\circ}PSPSC\dot{I}$
 $P\cdot P^{\circ}C\ldots PIPsC\overline{H}C\overline{H}PIP^{\circ}PSPSC\dot{I}$ $PeC-Cl^{\circ}C$, $PsPe$. $P-P^{\circ}Cl^{\circ}PsP\pm P\ddot{e}$, $C\%Ps$ $PI\ddot{P}P\gg P\ddot{e}PIP^{\circ}C\overline{H}C$, CH_3 PSP°
 $Cl^{\circ}C$, $C\overline{H}C\ddot{r}PeC$, $C\ddot{r}C\overline{H}C\ddot{r}$ C , P° $PjC-PPSP\mu C\overline{H}P^{\circ}P\gg C-P\cdot P^{\circ}C\ddot{r}C-C\overline{H}$ $PeC-Cl^{\circ}C$, $PsPe$.
 $P^{\circ}C-Cl^{\circ}C$, „ $PsCl^{\circ}C$ „ $PsPSP^{\circ}C$, $P\ddot{e}$. $P\overline{H}P\ddot{e}Cl^{\circ}P\gg PsC$, P° $C-P\pm P^{\circ}PSP\overline{r}C\overline{H}PsPSPsPIP^{\circ}$. $P\overline{H}PsP\overline{r}$ $P\overline{H}P\ddot{y}P\overline{r}$
 $P\overline{H}05P'$ $P\overline{H}06$.

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

PαP°CḡPjP°PePsPrPëPSP°PjC-PeP°

P†P±P°PSPrCḡPsPSPsPIP° PePëCḡP»PsC,P° бḡ“ PIPëCḡPsPePsP°PeC,PëPIPsPëPNë
P°P·PsC,PsPIPjC-CḡPSPëPNë P±C-CḡC,,PsCḡC,,PsPSP°C,, CḡPePëPNë CḡPμP»PμPeC,PëPIPsPs
PrC-C” PSP° PeC-CḡC,PePsPICr C,PeP°PSPëPSCr C- CḡPiPμC†PëC,,C-C‡PSPs
PiCḡPëPiPSC-C‡CḡC” P°PeC,PëPIPsC-CḡC,CH PsCḡC,PμPsPeP»P°CḡC,C-PI C,P° PSPμ PjP°C”
PiCḡCḡPjPsPiPs PIPiP»PëPICr PSP° C,,PsCḡPjCḡPIP°PSPSCḡ PeC-CḡC,PePsPIPsC—
C,PeP°PSPëPSPë. P·C-PeP°CḡCḡCHPePëPNë P·P°CḡC-P± PSPμ PIPiP»PëPIPsC” PSP°
PiCḡPsC†PμCḡ PiPsPiPsPIPsPμPSPSCḡ PiCḡP»Cḡ PsCḡC,PμPsPeP»P°CḡC,C-PI. Pj PḡC-PSPsPe Cḡ
PiPμCḡC-PsPr PjPμPSPsPiP°CḡP·Pë P·PSPëPḡCḡC” PiC-PrPIPëC%PμPSCr CḡPIPsPrPeC-CḡC,CH
PsPSPsPIP»PμPSPSCḡ PeC-CḡC,PePsPIPsC— C,PeP°PSPëPSPë PrPs CḡC-PIPsCḡ
PiCḡPμPjPμPSPsPiP°CḡP·Pë, C%Ps PiCḡPëP·PIPsPrPëC,CH PrPs PiCḡPsPiCḡPμCḡPëPIPsPsPiPs
P·P±C-P»CHCḡPμPSPSCḡ PeC-CḡC,PePsPIPsC— PjP°CḡPë C- P·PSPëPḡPμPSPSCḡ
C‡P°CḡC,PsC,Pë PiPμCḡPμP»PsPjC-PI.

PαP°CḡPjP°PePsPrPëPSP°PjC-C‡PSC- PμC,,PμPeC,Pë

P†P±P°PSPrCḡPsPSPsPIP° PePëCḡP»PsC,P° PiCḡPëPiPSC-C‡CḡC” PeC-CḡC,PePsPICr
CḡPμP·PsCḡP±C†C-CH. P†n vivo C-P±P°PSPrCḡPsPSPsPIP° PePëCḡP»PsC,P°
PiPsPiPμCḡPμPrPḡP°C” PeC-CḡC,PePsPICr PrPμCḡC,CḡCḡPeC†C-CH, CḡPiCḡPëC‡PëPSPμPSCr
PμPeCḡPiPμCḡPëPjPμPSC,P°P»CHPSPs P±P»PsPeP°PrPsCḡ C,,CḡPSPeC†C-C—
CḡC,P°C,PμPIPëC... P·P°P»PsP·, CḡPμC,PëPSPsC—PrP°PjPë, PiCḡC...P»PëPSP°PjPë C,P°
PμPeCḡC,CḡP°PeC,P°PjPë PiCḡC...P»PëPS. Pj PjPsP»PsPrPëC... (CḡPIPsPrPePs
P·CḡPsCḡC,P°CHC‡PëC...) C%CrCḡC-PI C,P°PePsPḡ CḡPiPsCḡC,PμCḡC-PiP°P»P°CḡCḡ
CḡPμP·PsCḡP±C†C-Cḡ PeC-CḡC,PsPe, C%Ps PiCḡPëP·PIPsPrPëP»Ps PrPs
P·P±C-P»CHCḡPμPSPSCḡ PSPsCḡPjP°P»CHPSPsC— PeC-CḡC,PePsPIPsC— PjP°CḡPë
PiPsCḡC-PIPsCḡPSPs P· C,PIP°CḡPëPSP°PjPë, CḡPeC- PSPμ PsC,CḡPëPjCḡPIP°P»Pë
P»C-PeCḡPIP°PSPSCḡ.

PḡPIP°CḡPëPSPSC- PjPsPrPμP»C- PiC-PrC,PIPμCḡPrPḡCḡC,CH, C%Ps
C-P±P°PSPrCḡPsPSPsPIP° PePëCḡP»PsC,P° C” PIPëCḡPsPePsPiPsC,CḡPḡPSPëPj
C-PSPiC-P±C-C,PsCḡPsPj P°PeC,PëPIPsPsCḡC,C- PsCḡC,PμPsPeP»P°CḡC,C-PI. Pj C%CrCḡC-PI,
CḡPeC- P·CḡPsCḡC,P°CHC,CH, PSPμ CḡPiPsCḡC,PμCḡC-PiP°P»PsCḡCḡ PsP·PSP°Pe
PiPsCḡCḡCḡPμPSPSCḡ PjC-PSPμCḡP°P»C-P·P°C†C-C— PSP°PIC-C,CH PiCḡPë
P·P°CḡC,PsCḡCḡPIP°PSPSC- Cḡ PrPsP·P°C..., C%Ps PiPμCḡPμPIPëC%CrCḡC,CH
P±C-P»CHCḡPμ PSC-Pḡ Cḡ 5000 CḡP°P·C-PI PrPsP·Cḡ, CḡPeP° PSPμPsP±C...C-PrPSP° PrP»Cḡ
P»C-PeCḡPIP°PSPSCḡ PsCḡC,PμPsPiPsCḡPsP·Cḡ.

P©PsPrPμPSPSPμ PrPsPIPiPsC,CḡPëPIPsP»Pμ P·P°CḡC,PsCḡCḡPIP°PSPSCḡ C-
PiPμCḡC-PsPrPëC‡PSPμ P·P°CḡC,PsCḡCḡPIP°PSPSCḡ (C‡PμCḡPμP· C,CḡPëPIPsP»C-
C-PSC,PμCḡPIP°P»Pë) PiCḡPsC,CḡPiPsPj C,CḡPëPIPsP»PsPiPs C‡P°CḡCḡ Cḡ C%CrCḡC-PI,
CḡPsP±P°Pe C- PjP°PIPi P°CḡPsC†C-CHPIP°P»PsCḡCḡ P· CḡC,PIPsCḡPμPSPSCḡPj PSPsPIPsC—
PeC-CḡC,PePë PSPsCḡPjP°P»CHPSPsC— CḡPePsCḡC,C- P·C- P·P±PμCḡPμPḡPμPSPSCḡPj P°P±Ps
PiC-PrPIPëC%PμPSPsCḡ PjPμC...P°PSC-C‡PSPsCḡ CḡPëP»PsCḡ PSP°PIC-C,CH PiCḡPë
P·P°CḡC,PsCḡCḡPIP°PSPSC- PI C,PsPeCḡPëC‡PSPsPjCḡ PrC-P°PiP°P·PsPSC-.

P·C,,PμPeC,PëPIPsC-CḡC,CH C%PsPrPμPSPSPsPiPs C- PiPμCḡC-PsPrPëC‡PSPsPiPs
PIPiPμPrPμPSPSCḡ C-P±P°PSPrCḡPsPSPsPIPsC— PePëCḡP»PsC,Pë P· C-PSC,PμCḡPIP°P»PsPj

PjC-P¶ PrPsP·P°PjPë 9-10 C,PëP¶PSC-PI P±CíP»P° PíC-PrC,PIPµC¶PrP¶PµPSP° Cí
PeP»C-PSC-C±PSPsPjCí PrPsCíP»C-PrP¶PµPSPSC- (MF 4411) P· CíC±P°CíC,CH P»CHPrPµPNë, Cí
PíC¶PsC±PµCíC- C¶PePëC... C-P±P°PSPrC¶PsPSPsPIP° PePëCíP»PsC,P°
PíC¶PsPrPµPjPsPSCíC,C¶CíPíP°P»P° PµC,,PµPeC,PëPIPSC-CíC,CH C%PsPrPs
PíPsPíPµC¶PµPrP¶PµPSPSC¶ PíPëPSPëPePSPµPSPSC¶ PíPµC¶PµP»PsPjC-PI.

PJ C,PIP°C¶PëPSPSPëC... PjPsPrPµP»C¶C... C-P±P°PSPrC¶PsPSPsPIP° PePëCíP»PsC,P°
PíC¶PëP·PIPsPrPëC,CH PrPs P±C-PsC...C-PjC-C±PSPëC... P·PjC-PS, C%Ps CíPIC-PrC±P°C,CH
PíC¶Ps PrPsP·PsP·P°P»PµP¶PSPµ PíC¶PëPíPSC-C±PµPSPSC¶ C¶PµP·PsC¶P±C±C-C—
PeC-CíC,PePsPIPsC— C,PeP°PSPëPSPë, PíPeP»CHC±P°CHC±Pë P·PSPëP¶PµPSPSC¶ C¶C-PIPSC¶
P±C-PsC...C-PjC-C±PSPëC... PjP°C¶PePµC¶C-PI PrPµPíC¶P°PrP°C±C-C— PeC-CíC,PePsPIPsPíPs
PePsP»P°PíPµPSCí PI CíPµC±C-, C,P°PePëC... C¶Pe PrPµP·PsPeCíPëPíC-C¶PëPrPëPSPsP»C-PS,
C,P° PíPµC¶PµC...C¶PµCíPSPs P·CëPëC,PëPNë N-C,PµP»PsPíPµPíC,PëPr PePsP»P°PíPµPSCí I
C,PëPíCí.

PJ PrPsCíP»C-PrP¶PµPSPSC- P±C-PsPµPePIC-PIP°P»PµPSC,PSPsCíC,C- P† C,,P°P·Pë, C¶PePµ
PíC¶PsPIPsPrPëP»PsCíC¶ P· CíC±P°CíC,CH 72 P¶C-PSPsPe Cí PíPsCíC,PjPµPSPsPíP°CíP·C-,
PíP°C±C-C”PSC,PePë PsC,C¶PëPjCíPíP°P»Pë PíPµC¶PsC¶P°P»CHPSPs PíPs 150 PjPi PePsP¶PSC-
28 PrPSC-PI (PICíCHPsPíPs 4 PrPsP·Pë). PJ C†CHPsPjCí PrPsCíP»C-PrP¶PµPSPSC- P±CíP»Ps
PíPëC¶PIP»PµPSPs, C%Ps P·PjPµPSCëPµPSPSC¶ PePsPSC±PµPSC,C¶P°C±C-C—
PíPµC¶PµC...C¶PµCíPSPs P·CëPëC,PsPíPs PŸ-C,PµP»PsPíPµPíC,PëPrCí PePsP»P°PíPµPSCí I
C,PëPíCí (CTX) PI CíPëC¶PsPIP°C,C†C- PeC¶PsPIC- CíPíPsCíC,PµC¶C-PíP°P»PsCíC¶ PíP¶PI
PíPµC¶CëC- 24 PíPsPrPëPSPë PíC-CíP»C¶ PíC¶PëPNëPsPjCí PíPµC¶CëPsC— PrPsP·Pë (PI
CíPµC¶PµPrPSCHPsPjCí PSP° 28 %), P° CíPµC¶PµPrPSC” PjP°PeCíPëPjP°P»CHPSPµ
P·PSPëP¶PµPSPSC¶ PePsPSC±PµPSC,C¶P°C±C-C— (PSP° 69 %) CíPíPsCíC,PµC¶C-PíP°P»PsCíC¶
C±PµC¶PµP· 6 PrPSC-PI. PµC-CíP»C¶ PíC¶PëPNëPsPjCí C,C¶PµC,CHPsC— C-
C±PµC,PIPµC¶C,PsC— PrPsP· CíPµC¶PµPrPSC” PjP°PeCíPëPjP°P»CHPSPµ P·PSPëP¶PµPSPSC¶
PePsPSC±PµPSC,C¶P°C±C-C— C±PµC¶PµP· 6 PrPSC-PI PíC-CíP»C¶ PíC¶PëPNëPsPjCí
PePsP¶PSPsC— PrPsP·Pë CíC,P°PSPsPíPëP»Ps 74 %, P° C±PµC¶PµP· 28 PrPSC-PI PíC-CíP»C¶
PíC¶PëPNëPsPjCí C±PµC,PIPµC¶C,PsC— PrPsP·Pë CíPµC¶PµPrPSC” P·PSPëP¶PµPSPSC¶
PePsPSC±PµPSC,C¶P°C±C-C— CíC,P°PSPsPíPëP»Ps 56 %. PµC¶Pë PíC¶PëPíPëPSPµPSPSC-
PíPsPrP°P»CHCëPsPíPs PíC¶PëPNëPsPjCí P»C-PeP°C¶CíCHPePsPíPs P·P°CíPsP±Cí
PíC¶PëPíPëPSC¶C”C,CHCíC¶ P·PSPëP¶PµPSPSC¶ PePsPSC±PµPSC,C¶P°C±C-C—
P±C-PsC...C-PjC-C±PSPëC... PjP°C¶PePµC¶C-PI PeC-CíC,PePsPIPsC— C¶PµP·PsC¶P±C±C-C—.

PµP»C-PSC-C±PSP° PµC,,PµPeC,PëPIPSC-CíC,CH

P©PsP± PíPëP·PSP°C±PëC,Pë P¶C-PSPsPe C-P· PíC-PrPíPëC%PµPSPëPj C¶PëP·PëPePsPj
PsCíC,PµPsPíPsC¶PsC,PëC±PSPëC... PíPµC¶PµP»PsPjC-PI, CíP»C-Pr PíC¶P°C...PsPICíPíP°C,Pë
C,P°PeC- C,,P°PeC,PsC¶Pë C¶PëP·PëPeCí: PSPëP·CHPeCí (PjC-PSPµC¶P°P»CHPSCí)
C%C-P»CHPSC-CíC,CH PeC-CíC,PePsPIPsC— C,PeP°PSPëPSPë, PIC-Pe, PSP°C¶PIPSC-CíC,CH
PíPsPíPµC¶PµPrPSC-C... PíPµC¶PµP»PsPjC-PI, PíPëPíP°PrPëPë PíPµC¶PµP»PsPjC-PI Cí
CíC-PjPµPNëPSPsPjCí P°PSP°PjPSPµP·C-, C-PSPrPµPeCí PjP°CíPë C,C-P»P°.

P†P±P°PSPrC¶PsPSPsPIP° PePëCíP»PsC,P° PI PrPsP·C- 150 PjPi 1 C¶P°P· PSP°
PjC-CíC¶C†CH

PµC-PSPµC¶P°P»CHPSP° C%C-P»CHPSC-CíC,CH PeC-CíC,PsPe (PµP©Pµ)

PµPsPeP°P·P°PSPs, C%Ps P·P°CíC,PsCíCíPíP°PSPSC¶ C-P±P°PSPrC¶PsPSPsPIPsC—
PePëCíP»PsC,Pë PI PrPsP·C- 150 PjPi 1 C¶P°P· PSP° PjC-CíC¶C†CH C” PíC¶PëPSP°PNëPjPSC-
PSP°CíC,C-P»CHPePë P¶ PµC,,PµPeC,PëPIPSPëPj, C¶Pe C- P·P°CíC,PsCíCíPíP°PSPSC¶

C-P±P°PSPPrCḡPsPSPsPIPsC— PePëCíP»PsC,Pë PI PrPsP·C- 2,5 PjPi PSP° PrPsP±Cí PíCḡPë P·P±C-P»CHC€PµPSPSC- PḥP©Pḷ PíCḡPsC,CḷPiPsPj PrPIPsCḡC-C±PSPsPiPs PíPsPrPIC-PḤPSPsPiPs CíP»C-PíPsPiPs P±P°PiP°C,PSc†PµPSC,CḡPsPIPsPiPs PrPsCíP»C-PrPḡPµPSPSCḷ (BM 16549) Cí PḡC-PSPsPe Cí PíPsCíC,PjPµPSPsPíP°CíP·C- P·PsCíC,PµPsPíPsCḡPsP·PsPj (PíPsPeP°P·PSPëPe PḥP©Pḷ PíPsPíPµCḡPµPePsPIPsPiPs PIC-PrPrC-P»Cí C...CḡPµP±C,P° PSPëPḡC±Pµ -2,5 SD PSP° PíPsC±P°C,PePsPIPsPjCí CḡC-PIPSC-). PíPµ P±CíP»Ps PíCḡPsPrPµPjPsPSCíC,CḡPsPIP°PSPs CḷPe Cí PíPµCḡPIPëPSPSPsPjCí P°PSP°P»C-P·C- P·P° PsPrPëPS CḡC-Pe, C,P°Pe C- PI PíC-PrC,PIPµCḡPrPḡCíPíP°P»CHPSPsPjCí P°PSP°P»C-P·C- PI PeC-PSC†PµPIC-PḤ C,PSc†C†C- P·P° PrPIP° CḡPsPePë (PrPëPI. C,P°P±P»PëC†Cḡ 1).

PŷP°P±P»PëC†Cḷ 1

PŷPµCḡPµPrPSCḷ PIC-PrPSPsCíPSP° P·PjC-PSP° PíPsCḡC-PIPSCḷPSPs P·PíPsC±P°C,PePsPIPëPj CḡC-PIPSPµPj PíC-CíP»Cḷ PsPrPSPsPiPs CḡPsPeCí (PíPµCḡPIPëPSPSPëPḤ P°PSP°P»C-P·) C,P° PrPIPsC... CḡPsPeC-PI P»C-PeCíPíP°PSPSCḷ (PíPsPíCéP»CḷC†C-Cḷ P·P° PíCḡPsC,PsPePsP»PsPj) Cí PrPsCíP»C-PrPḡPµPSPSC- BM 16549

	P°P°PSC- P·P° PsPrPëPS CḡC-Pe PrPsCíP»C-PrPḡPµPSPSCḷ BM 16549		P°PIPsCḡC-C±PSC- PrP°PSC- Cí PrPsCíP»C-PrPḡPµPSPSC- BM 16549	
PŷPµCḡPµPrPSC- PIC-PrPSPsCíPSC- P·PjC-PSP° PIC-Pr PíPsC±P°C,PePsPIPsPiPs CḡC-PIPSCḷ % [95 % P°P†]	P†P±P°PSPPrCḡPsPSPsPIP° PePëCíP»PsC,P° 2,5 PjPi PSP° PrPsP±Cí (N=318)	P†P±P°PSPPrCḡPsPSPsPIP° PePëCíP»PsC,P° 150 PjPi 1 CḡP°P· PSP° PjC-CíCḷC†CHḡ (N=320)	P†P±P°PSPPrCḡPsPSPsPIP° PePëCíP»PsC,P° 2,5 PjPi PSP° PrPsP±Cí (N=294)	P†P±P°PSPPrCḡPsPSPsPIP° PePëCíP»PsC,P° 150 PjPi 1 CḡP°P· PSP° PjC-CíCḷC†CHḡ (N=291)
PµPsPíPµCḡPµPePsPIPëPḤ PIC-PrPrC-P» C...CḡPµP±C,P° L2-L4 PḥP©Pḷ	3,9 [3,4; 4,3]	4,9 [4,4; 5,3]	5,0 [4,4; 5,5]	6,6 [6,0; 7,1]
P—P°PiP°P»CHPSP° PḥP©Pḷ CíC,PµPiPSP°	2,0 [1,7; 2,3]	3,1 [2,8; 3,4]	2,5 [2,1; 2,9]	4,2 [3,8; 4,5]
PḥP©Pḷ C€PëPḤPePë CíC,PµPiPSP°	1,7 [1,3; 2,1]	2,2 [1,9; 2,6]	1,9 [1,4; 2,4]	3,1 [2,7; 3,6]
PḥP©Pḷ PíPµCḡC,PµP»Cí P±PµPrCḡP°	3,2 [2,8; 3,7]	4,6 [4,2; 5,1]	4,0 [3,5; 4,5]	6,2 [5,7; 6,7]

PḷCḡC-Pj C,PsPiPs, P±CíP»Ps PrPsPIPµPrPµPSPs PíPµCḡPµPIP°PiPë P·P°CíC,PScíCíPíP°PSPSCḷ C-P±P°PSPPrCḡPsPSPsPIPsC— PePëCíP»PsC,Pë PI PrPsP·C- 150 PjPi 1 CḡP°P· PSP° PjC-CíCḷC†CHḡ PíPsCḡC-PIPSCḷPSPs C-P· P·P°CíC,PScíCíPíP°PSPSCḷPj C-P±P°PSPPrCḡPsPSPsPIPsC— PePëCíP»PsC,Pë PI PrPsP·C- 2,5 PjPi PSP° PrPsP±Cí PíCḡPë P·P±C-P»CHC€PµPSPSC- PḥP©Pḷ PíPsPíPµCḡPµPePsPIPsPiPs PIC-PrPrC-P»Cí C...CḡPµP±C,P° Cí PíPµCḡCíPíPµPeC,PëPIPsPs P·P°PiP°P»PSPsPIP°PSPsPjCí P°PSP°P»C-P·C- PSP° PsPrPëPS CḡC-Pe (p=0,002) C- PSP° PrPIP° CḡPsPePë (p <0,001).

P—P° PsPrPëPS CḡC-Pe (PíPµCḡPIPëPSPSPëPḤ P°PSP°P»C-P·) Cí 91,3 % (Cḡ=0,005) PíP°C†C-C°PSC,C-PI, CḷPeC- PsC,CḡPëPjCíPíP°P»Pë C-P±P°PSPPrCḡPsPSPsPICí PePëCíP»PsC,Cí PI PrPsP·C- 150 PjPi 1 CḡP°P· PSP° PjC-CíCḷC†CHḡ, PíPsPeP°P·PSPëPe PḥP©Pḷ PíPsPíPµCḡPµPePsPIPsPiPs PIC-PrPrC-P»Cí C...CḡPµP±C,P° CíC,P°PI PíPëC°Pµ P°P±Ps PrPsCḡC-PIPSCḡPíPíPíC±P°C,PePsPIPsPjCí PíPsCḡC-PIPSCḷPSPs P· 84,0 % PíP°C†C-C°PSC,C-PI, CḷPeC- PsC,CḡPëPjCíPíP°P»Pë 2,5 PjPi C-P±P°PSPPrCḡPsPSPsPIPsC— PePëCíP»PsC,Pë C°P°PsPrPSCḷ.

P—P°PiP°P»CHBPSPëPNë PiPsPeP°P·PSPëPe PҺP©Pљ CГC,PyPiPSP° Cр 90 % (Cђ<0,001)
 PiP°C†C-C”PSC,C-PI, CИPeC- PsC,CђPëPjCрPIP°P»Pë C-P±P°PSPrCђPsPSPsPICр PePëCГP»PsC,Cр
 PI PrPsP·C- 150 PjPi 1 CђP°P· PSP° PjC-CГCИC†CH, C,P° PI 76,7 % PiP°C†C-C”PSC,C-PI, CИPeC-
 PsC,CђPëPjCрPIP°P»Pë C-P±P°PSPrCђPsPSPsPICр PePëCГP»PsC,Cр PI PrPsP·C- 2,5 PjPi PSP°
 PrPsP±Cр, P±CрPI PIPëC%oPy P°P±Ps PrPsCђC-PIPSCђPIP°PI PiPsC†P°C,PePsPIPsPjCр
 CђC-PIPSCђ P·P° PsPrPëPS CђC-Pe. PђPyCђPyP· PrPIP° CђPsPePë Cр 93,4 % (Cђ<0,001)
 PiP°C†C-C”PSC,C-PI, CИPeC- PsC,CђPëPjCрPIP°P»Pë C-P±P°PSPrCђPsPSPsPICр PePëCГP»PsC,Cр
 PiPs 150 PjPi 1 CђP°P· PSP° PjC-CГCИC†CH, C- PI 78,4 % PiP°C†C-C”PSC,C-PI, CИPeC-
 PsC,CђPëPjCрPIP°P»Pë C-P±P°PSPrCђPsPSPsPICр PePëCГP»PsC,Cр PI PrPsP·C- 2,5 PjPi PSP°
 PrPsP±Cр, P·P°PiP°P»CHBPSPëPNë PiPsPeP°P·PSPëPe PҺP©Pљ CГC,PyPiPSP° CГC,P°PI PIPëC%oPy
 P°P±Ps PrPsCђC-PIPSCђPIP°PI PiPsC†P°C,PePsPIPsPjCр.

PљPsP»Pë CђPsP·PiP»CИPrP°C”C,CHCГCИ P±C-P»CHC€ P¶PsCђCГC,PePëPNë
 PeCђPëC,PyCђC-PNë, CИPePëPNë PiPsC”PrPSCрC” CИPe PiPsPiPyCђPyPePsPIPëPNë PIC-PrPrC-P»
 C...CђPyP±C,P°, C,P°Pe C- P·P°PiP°P»CHBPSCр PҺP©Pљ CГC,PyPiPSP°, 83,9 % (Cђ<0,001) C,P°
 65,7 % PiP°C†C-C”PSC,C-PI, CИPeC- PsC,CђPëPjCрPIP°P»Pë PiCђPsC,CИPiPsPj PsPrPSPsPiPs
 CђPsPeCр C-P±P°PSPrCђPsPSPsPICр PePëCГP»PsC,Cр 150 PjPi 1 CђP°P· PSP° PjC-CГCИC†CH
 P°P±Ps C-P±P°PSPrCђPsPSPsPICр PePëCГP»PsC,Cр PI PrPsP·C- 2,5 PjPi PSP° PrPsP±Cр,
 PIC-PrPiPsPIC-PrP°P»Pë C†CHPsPjCр PeCђPëC,PyCђC-Cђ. PђPyCђPyP· PrPIP° CђPsPePë 87,1 %
 (Cђ<0,001) C,P° 70,5 % PiP°C†C-C”PSC,C-PI PIC-PrPiPsPIC-PrP°P»Pë C†CHPsPjCр
 PeCђPëC,PyCђC-Cђ Cр PiCђCрPiP°C... PiP°C†C-C”PSC,C-PI, CИPeC- PiCђPëPNëPjP°P»Pë
 C-P±P°PSPrCђPsPSPsPICр PePëCГP»PsC,Cр PI PrPsP·C- 150 PjPi 1 CђP°P· PSP° PjC-CГCИC†CH
 C,P° 2,5 PjPi PSP° PrPsP±Cр PIC-PrPiPsPIC-PrPSPs.

P’C-PsC...C-PjC-C†PSC- PjP°CђPePyCђPë PiPyCђPyPePëPrP°PSPSCИ PeC-CГC,PsPe

PљP»C-PSC-C†PSPs P·PSP°C†CрC%oPy P·PSPëP¶PyPSPSCИ CђC-PIPSCИ P±PyC,P°-PŸ-
 PeC-PSC†PyPIPsPiPs C,PyP»PsPiPyPiC,PëPrCр (CTPI) Cр CГPëCђPsPIP°C,C†C- PeCђPsPIC-
 CГPiPsCГC,PyCђC-PiP°P»PsCГCH Cр PICГC- PIPëPjC-CђCђPIP°PSC- C†P°CГPsPIC-
 PjPsPjPyPSC,Pë, C,PsP±C,Ps C†PyCђPyP· 3, 6, 12 C- 24 PjC-CГCИC†C-. PђPyCђPyP· CђC-Pe
 (PiPyCђPIPëPSPSPëPNë P°PSP°P»C-P·) PjPyPrC-P°PSP° PIC-PrPSPsCГPSPsC— P·PjC-PSPë PIC-Pr
 PiPsC†P°C,PePsPIPsPiPs CђC-PIPSCИ CГC,P°PSPsPIPëP»P° Bђ” 76 % PrP»CИ
 C-P±P°PSPrCђPsPSPsPIPsC— PePëCГP»PsC,Pë 150 PjPi 1 CђP°P· PSP° PjC-CГCИC†CH C,P° Bђ”
 67 % PrP»CИ C-P±P°PSPrCђPsPSPsPIPsC— PePëCГP»PsC,Pë 2,5 PjPi PSP° PrPsP±Cр.
 PђPyCђPyP· PrPIP° CђPsPePë PjPyPrC-P°PSP° PIC-PrPSPsCГPSPsC— P·PjC-PSPë
 CГC,P°PSPsPIPëP»P° Bђ” 68 % C,P° Bђ” 62 % Cр PiCђCрPiP°C... C-P·
 P·P°CГC,PsCГCрPIP°PSPSCИPj P»C-PeP°CђCГCHPePsPiPs P·P°CГPsP±Cр 150 PjPi PSP°
 PjC-CГCИC†CH C,P° 2,5 PjPi PSP° PrPsP±Cр PIC-PrPiPsPIC-PrPSPs.

PђPyCђPyP· CђC-Pe 83,5 % (Cђ=0,006) PiP°C†C-C”PSC,C-PI, CИPeC- PsC,CђPëPjCрPIP°P»Pë
 C-P±P°PSPrCђPsPSPsPICр PePëCГP»PsC,Cр PiPs 150 PjPi 1 CђP°P· PSP° PjC-CГCИC†CH, C- 73,9
 % PiP°C†C-C”PSC,C-PI, CИPeC- PsC,CђPëPjCрPIP°P»Pë C-P±P°PSPrCђPsPSPsPICр
 PePëCГP»PsC,Cр PI PrPsP·C- 2,5 PjPi PSP° PrPsP±Cр, P±CрP»Pë PIPëP·PSP°C†PyPSC- CИPe
 PIC-PrPiPsPIC-PrC- (PIPëP·PSP°C†PyPSPs CИPe P·PjPyPSC€PyPSPSCИ ≥50 % PIC-Pr
 PiPsC†P°C,PePsPIPsPiPs CђC-PIPSCИ). PђPyCђPyP· PrPIP° CђPsPePë 78,7 % (Cђ=0,002) C,P°
 65,6 % PiP°C†C-C”PSC,C-PI P±CрP»Pë PIPëP·PSP°C†PyPSC- CИPe PIC-PrPiPsPIC-PrC- Cр
 PiCђCрPiP°C... 150 PjPi PSP° PjC-CГCИC†CH C,P° 2,5 PjPi PSP° PrPsP±Cр PIC-PrPiPsPIC-PrPSPs.
 PќP° PiC-PrCГC,P°PIC- CђPyP·CрP»CHC,P°C,C-PI PrPsCГP»C-PrP¶PyPSPSCИ BM 16549
 PsC†C-PeCрC”C,CHCГCИ, C%oPs C-P±P°PSPrCђPsPSPsPIP° PePëCГP»PsC,P° PI PrPsP·C- 150
 PjPi 1 CђP°P· PSP° PjC-CГCИC†CH P±CрPrPy PiCђPëPSP°PNëPjPSC- PSP°CГC,C-P»CHPePë P¶
 PyC,,PyPeC,PëPIPSPsCђ Cр PiCђPsC,,C-P»P°PeC,PëC†C- PiPyCђPyP»PsPjC-PI, CИPe

C-P±P°PSPPrCḡPsPSPsPIP° PePëCÍP»PsC,P° PI PrPsP·C- 2,5 PjPi PSP° PrPsP±CÍ.

P†P±P°PSPPrCḡPsPSPsPIP° PePëCÍP»PsC,P° PI PrPsP·C- 2,5 PjPi PSP° PrPsP±CÍ

PJ PíPsC†P°C,PePsPIPsPjCÍ C,CḡPëCḡC-C†PSPsPjCÍ CḡP°PSPPrPsPjC-P·PsPIP°PSPsPjCÍ
PíPsPrPIC-PNëPSPsPjCÍ CÍP»C-PíPsPjCÍ PíP»P°C†PµP±Ps-PePsPSC,CḡPsP»CHPsPIP°PSPsPjCÍ
PrPsCÍP»C-PrP¶PµPSPSC- PíPµCḡPµP»PsPjC-PI (MF 4411) P±CÍP»Ps
PíCḡPsPrPµPjPsPSCÍC,CḡPsPIP°PSPs CÍC,P°C,PëCÍC,PëC†PSPs C,P° PjPµPrPëC†PSPs
P·PSP°C†CÍC%Pµ P·PSPëP¶PµPSPSCÍ C†P°CÍC,PsC,Pë PSPsPIPëC...
CḡPµPSC,PiPµPSPsP»PsPiC-C†PSPëC... PjPsCḡC,,PsPjPµC,CḡPëC†PSPëC... C,P°
PeP»C-PSC-C†PSPëC... PíPµCḡPµP»PsPjC-PI C...CḡPµP±C†C-PI (PrPëPI. C,P°P±P»PëC†Cḡ 2). PJ
C†CHPsPjCÍ PrPsCÍP»C-PrP¶PµPSPSC- C-P±P°PSPPrCḡPsPSPsPICÍ PePëCÍP»PsC,CÍ
PsC†C-PSCḡPIP°P»Pë CÍ PíPµCḡPsCḡP°P»CHPsPëC... PrPsP·P°C... 2,5 PjPi PSP° PrPsP±CÍ C,P°
20 PjPi P· PíPµCḡPµCḡPIP°PjPë CÍPe PrPsCÍP»C-PrPSPëPNë CḡPµP¶PëPj.
P†P±P°PSPPrCḡPsPSPsPICÍ PePëCÍP»PsC,CÍ PíCḡPëPNëPjP°P»Pë P·P°

60 C...PIPëP»PëPS PrPs PíPµCḡCëPsPiPs PIP¶PëPIP°PSPSCÍ C—P¶C- P°P±Ps PSP°PíPsCḡ
PíCḡPsC,CÍPiPsPj PrPSCÍ (PíPµCḡC-PsPr PrPsP·CÍPIP°PSPSCÍ PíC-CÍP»CÍ PrPsP·Pë). PJ
PrPsCÍP»C-PrP¶PµPSPSC- P±CḡP°P»Pë CÍC†P°CÍC,CH P¶C-PSPePë PIC-PePsPj PIC-Pr 55 PrPs
80 CḡPsPeC-PI, CÍ CÍPePëC... PíPµCḡC-PsPr PíPsCÍC,PjPµPSPsPíP°CÍP·Pë
PrPsCḡC-PIPSCHPIP°PI 5 CḡPsPeC-PI, CÍPeC- PjP°P»Pë PḡP©Pḡ CÍ PíPsPíPµCḡPµPePsPIPsPjCÍ
PIC-PrPrC-P»C- C...CḡPµP±C,P° PSP° 2-5 SD PSPëP¶C†Pµ CÍPµCḡPµPrPSCḡPsPiPs
P·PSP°C†PµPSPSCÍ PíPµCḡPµPrPjPµPSPsPíP°CÍP·Pë (T-P±P°P») PíCḡPëPSP°PNëPjPSC- PI
PsPrPSPsPjCÍ C...CḡPµP±C†C- [L1-L4] C- CÍPeC- PjP°P»Pë PIC-Pr

1-4 PíPsCëPëCḡPµPSPëC... PíPµCḡPµP»PsPjPë C...CḡPµP±C†C-PI. PJCÍC- PíP°C†C-C"°PSC,Pë
PsC,CḡPëPjCÍPIP°P»Pë 500 PjPi PeP°P»CHC†C-Cḡ C,P° 400 PḡPh PIC-C,P°PjC-PSCÍ D
C%PsPrPSCÍ. P·C,,PµPeC,PëPIPS-CÍC,CH PsC†C-PSCḡPIP°P»Pë CÍ 2928 PíP°C†C-C"°PSC,C-PI.
PµCḡPë PíPµPrPµPSPSC- C-P±P°PSPPrCḡPsPSPsPIPsC— PePëCÍP»PsC,Pë PI PrPsP·C- 2,5 PjPi
C%PsPrPSCÍ P·P°C,,C-PeCÍPsPIP°PSPs CÍC,P°C,PëCÍC,PëC†PSPs C,P° PjPµPrPëC†PSPs
P·PSP°C†CÍC%Pµ P·PSPëP¶PµPSPSCÍ C†P°CÍC,PsC,Pë PSPsPIPëC... PíPµCḡPµP»PsPjC-PI
C...CḡPµP±C†C-PI. PíPµPNë CḡPµP¶PëPj P·PjPµPSCëPëPI PeC-P»CHPeC-CÍC,CH PSPsPIPëC...
CḡPµPSC,PiPµPSPsP»PsPiC-C†PSPëC... PíPµCḡPµP»PsPjC-PI C...CḡPµP±C†C-PI PSP° 62 %
(p=0,0001) PíCḡPsC,CÍPiPsPj C,CḡPëCḡC-C†PSPsPiPs PíPµCḡC-PsPrCÍ
PrPsCÍP»C-PrP¶PµPSPSCÍ. P§PµCḡPµP· 2 CḡPsPePë CÍPíPsCÍC,PµCḡC-PiP°P»PsCÍCÍ
PIC-PrPSPsCÍPSPµ P·PSPëP¶PµPSPSCÍ CḡPëP·PëPeCÍ PSP° 61 % (p=0,0006).
PŸC,P°C,PëCÍC,PëC†PSPs P·PSP°C†CÍC%PsC— CḡC-P·PSPëC†C- PSPµ P±CÍP»Ps
PrPsCÍCÍPiPSCÍC,Ps C†PµCḡPµP·

1 CḡC-Pe P»C-PeCÍPIP°PSPSCÍ (Cḡ=0,056). PhP·PSP°Pe P·PjPµPSCëPµPSPSCÍ PµC,,PµPeC,CÍ P·
C†P°CÍPsPj PSPµ P±CÍP»Ps. P§P°CÍC,PsC,P° PeP»C-PSC-C†PSPëC... PíPµCḡPµP»PsPjC-PI
C...CḡPµP±C†C-PI C,P°PePsP¶ P±CÍP»P° P·PSP°C†PSPs P·PjPµPSCëPµPSP° бḡ" PSP° 49 %
(p=0,011). PḡCḡC-Pj C,PsPiPs, P·PSP°C†PSPëPNë PíPíP»PëPI PSP° PíPµCḡPµP»PsPj
C...CḡPµP±C†C-PI PIC-PrPsP±CḡP°P¶P°PICÍCÍ CÍC,P°C,PëCÍC,PëC†PSPs P·PSP°C†CÍC%PëPj
P·PjPµPSCëPµPSPSCÍPj PIC,CḡP°C,Pë PíPëCÍPsC,Pë PíPsCḡC-PIPSCHPSPs P· PíP»P°C†PµP±Ps
(Cḡ <0,0001).

PŸP°P±P»PëC†CÍ 2

P PµP·CÍP»CHC,P°C,Pë C,CḡPëCḡC-C†PSPsPiPs PrPsCÍP»C-PrP¶PµPSPSCÍ

ПіPмCтPмP»PsPjC-PI MF 4411 (% , 95 % P”P†)

	PмP»P°C†PмP±Ps (N=974)	P†P±P°PSPrCтPсPSPsPIP° PePëCтP»PsC,P° 2,5 PjPi PSP° PrPsP±C† (N=977)
P—PSPëP¶PмPSPSC† PIC-PrPSPsCтPSPsPiPs CтPëP·PëPeC†. PкPsPIC- PjPsCтC„PsPjPмC,CтPëC†PSC- PiPмCтPмP»PsPjPë C...CтPмP±C†C-PI		62 % (40,9; 75,1)
P—P°C...PIPsCтCтPIP°PSC-CтC,CH PSP° PSPsPIC- PjPsCтC„PsPjPмC,CтPëC†PSC- PiPмCтPмP»PsPjPë C...CтPмP±C†C-PI	9,56 % (7,5; 11,7)	4,68 % (3,2; 6,2)
P’C-PrPSPsCтPSPм P·PSPëP¶PмPSPSC† CтPëP·PëPeC† PeP»C-PSC-C†PSPsPiPs PiPмCтPмP»PsPjC† C...CтPмP±C†C†		49 % (14,03; 69,49)
PSP°CтC,PsC,P° PeP»C-PSC-C†PSPsPiPs PiPмCтPмP»PsPjC† C...CтPмP±C†C†	5,33 % (3,73; 6,92)	2,75 % (1,61; 3,89)
BMD Bт” CтPмCтPмPrPSC† P·PjC-PSP° PIC-PrPSPsCтPSPs PiPsC†P°C,PePsPIPsPiPs CтC-PIPSC† PiPsPiPмCтPмPePsPIPsPiPs PIC-PrPrC-P»C† C...CтPмP±C,P° PSP° 3-PM CтC-Pe	1,26 % (0,8; 1,7)	6,54 % (6,1; 7,0)
BMD Bт” CтPмCтPмPrPSC† P·PjC-PSP° C°PsPrPs P±P°P·PsPIPsPiPs CтC,PмPiPSP° PSP° 3-PM CтC-Pe	-0,69 % (-1,0; -0,4)	3,36 % (3,0; 3,7)

P>C-PeC†PIP°P»CHBPSPëPM PмC„PмPeC, C-P±P°PSPrCтPсPSPsPIPsC— PePëCтP»PsC,Pë
PrPsPrP°C,PePsPIPs PsC†C-PSCтPIP°P»Pë PI P°PSP°P»C-P·C- CтC†P±PiPsPiC†P»C†C†C-C—
PiP°C†C-C”PSC,C-PI, C† C†PePëC... PSP° PiPsC†P°C,PePsPIPsPjC† CтC-PIPSC- PiPsPeP°P·PSPëPe
P¶P©Pъ PiPsPiPмCтPмPePsPIPsPiPs PIC-PrPrC-P»C† C...CтPмP±C,P° CтC,P°PSPsPIPëPI
PSPëP¶C†Pм Bт” 2,5. P—PSPëP¶PмPSPSC† CтPëP·PëPeC† PiPмCтPмP»PsPjC-PI
C...CтPмP±C†C-PI PrC†P¶Pм PIC-PrPiPsPIC-PrP°P»Ps C,P°PePsPjC†, C°Ps
C†PiPsCтC,PмCтC-PiP°P»PsC†C† C† P·P°PiP°P»CHBPSC-PM PiPsPiC†P»C†C†C-C—.

PyP°P±P»PëC†C† 3

P PмP·C†P»CHC,P°C,Pë C,CтPëCтC-C†PSPsPiPs PrPsCтP»C-PrP¶PмPSPSC†
PiPмCтPмP»PsPjC-PI MF 4411 (% , 95 % P”P†) PrP»C† PiP°C†C-C”PSC,C-PI C-P·
PiPsPeP°P·PSPëPePsPj P¶P©Pъ PiPsPiPмCтPмPePsPIPsPiPs PIC-PrPrC-P»C†
C...CтPмP±C,P° PSPëP¶C†Pм Bт” 2,5 PSP° PiPsC†P°C,PePsPIPsPjC† CтC-PIPSC-

	PмP»P°C†PмP±Ps (N=587)	P†P±P°PSPrCтPсPSPsPIP° PePëCтP»PsC,P° 2,5 PjPi PSP° PrPsP±C† (N=575)
P—PSPëP¶PмPSPSC† PIC-PrPSPsCтPSPsPiPs CтPëP·PëPeC†. PкPsPIC- PjPsCтC„PsPjPмC,CтPëC†PSC- PiPмCтPмP»PsPjPë C...CтPмP±C†C-PI		59 % (34,5; 74,3)
P—P°C...PIPsCтCтPIP°PSC-CтC,CH PSP° PSPsPIC- PjPsCтC„PsPjPмC,CтPëC†PSC- PiPмCтPмP»PsPjPë C...CтPмP±C†C-PI	12,54 % (9,53; 15,55)	5,36 % (3,31; 7,41)

P'C-PrPSPsCfPSPμ P·PSPëP¶PμPSPSCf CfPëP·PëPeCf PeP»C-PSC-CfPSPsPiPs PiPμCfPμP»PsPjCf C...CfPμP±CfCf		50 % (9,49; 71,91)
PSP°CfC,PsC,P° PeP»C-PSC-CfPSPsPiPs PiPμCfPμP»PsPjCf C...CfPμP±CfCf	6,97 % (4,67; 9,27)	3,57 % (1,89; 5,24)
BMD бґ“ CfPμCfPμPrPSCf P·PjC-PSP° PIC-PrPSPsCfPSPs PiPsCfP°C,PePsPiPsPiPs CfC-PIPSCf PiPsPiPμCfPμPePsPiPsPiPs PIC-PrPrC-P»Cf C...CfPμP±C,P° PSP° 3-PN CfC-Pe	1,13 % (0,6; 1,7)	7,01 % (6,5; 7,6)
BMD бґ“ CfPμCfPμPrPSCf P·PjC-PSP° C%PsPrPs P±P°P·PsPiPsPiPs CfC,PμPiPSP° PSP° 3-PN CfC-Pe	-0,70 % (-1,1; -0,2)	3,59 % (3,1; 4,1)

Pj P·P°PiP°P»CHbPSC-PN PiPsPiCfP»CfCfC-C— PiP°CfC-C”PSC,C-PI Cf
PrPsCfP»C-PrP¶PμPSPSC- MF 4411 PSPμ CfPiPsCfC,PμCfC-PiP°P»PsCfCf
P·PjPμPSCëPμPSPSCf PSPμPiPμCfC,PμP±CfP°P»CHbPSPëC... PiPμCfPμP»PsPjC-PI, PsPrPSP°Pe
C%PsPrPμPSPSPμ P·P°CfC,PsCfCfPiP°PSPSCf C-P±P°PSPrCfPSPsPiPsC— PePëCfP»PsC,Pë
PiPëCfPiPëP»PsCfCf PμC,,PμPeC,PëPiPSPëPj Cf CfCfP±PiPsPiCfP»CfCfC-C—
PiPëCfPsPePsPiPs CfPëP·PëPeCf (PiPsPeP°P·PSPëPe P¶P©P¶ CëPëPNPePë CfC,PμPiPSP° <-3,0),
PrPμ CfPiPsCfC,PμCfC-PiP°P»PsCfCf P·PjPμPSCëPμPSPSCf CfPëP·PëPeCf
PiPμCfPμP»PsPjC-PI C...CfPμP±CfC-PI PSP° 69 %.

P©PsPrPμPSPSPμ P·P°CfC,PsCfCfPiP°PSPSCf 2,5 PjPi C-P±P°PSPrCfPSPsPiPsC—
PePëCfP»PsC,Pë PiCfPëP·PiPsPrPëP»Ps PrPs PiCfPSPiCfPμCfPëPiPSPsPiPs
P·P±C-P»CHbCëPμPSPSCf P¶P©P¶ Cf C...CfPμP±CfPμPiPëC... C,P°
PSPμC...CfPμP±CfPμPiPëC... PrC-P»CfPSPeP°C... CfPePμP»PμC,P°.

P—P±C-P»CHbCëPμPSPSCf P¶P©P¶ PiPsPiPμCfPμPePsPiPsPiPs PIC-PrPrC-P»Cf
C...CfPμP±C,P° P·P° C,CfPë CfPSPePë PiPsCfC-PIPSCfPSPs P· PiP»P°CfPμP±Ps
CfC,P°PSPsPiPëP»Ps

5,3 % C,P° 6,5 % PiPsCfC-PIPSCfPSPs P· PiPsCfP°C,PePsPiPëPj CfC-PIPSPμPj.
P—P±C-P»CHbCëPμPSPSCf P¶P©P¶ CfC,PμPiPSPsPiPsC— PeC-CfC,PePë
PiPsCfC-PIPSCfPSPs P· PiPsCfP°C,PePsPiPëPj CfC-PIPSPμPj PrPsCfC-PIPSCfPiP°PI 2,8
% PI PrC-P»CfPSCfC- CëPëPNPePë CfC,PμPiPSP°, CfC,PμPiPSP° PI CfC-P»PsPjCf 3,4 %,
C,P° PiPμCfC,P»CfPiP° CfC,PμPiPSP° 5,5 %. P'C-PsC...C-PjC-CfPSC- PjP°CfPePμCfPë
CfPμPjPsPrPμP»CfPiP°PSPSCf PeC-CfC,PePsPiPsC— C,PeP°PSPëPSPë (C,P°PeC- CfPe
CTX Cf CfPμCfC- C,P° PsCfC,PμPsPeP°P»CHbCfPëPS Cf CfPëCfPSPiP°C,CfC-
PeCfPSPiC-) PiPsPeP°P·P°P»Pë, C%Ps PsCfC-PeCfPiP°PSPμ P·PSPëP¶PμPSPSCf PrPs
PiCfPμPjPμPSPsPiP°CfP·P°P»CHbPSPsPiPs CfC-PIPSCf C,P° PrPsCfCfPiPSPμPSPSCf
PjP°PeCfPëPjP°P»CHbPSPsPiPs PiCfPëPiPSC-CfPμPSPSCf PIC-PrP·PSP°CfP°C”C,CHbCfCf
PiCfPSPC,CfPiPsPj 3бґ“6 PjC-CfCfCfC-PI.

P¶P»C-PSC-CfPSPs P·PSP°CfCfC%Pμ P·PSPëP¶PμPSPSCf PSP° 50 %
P±C-PsC...C-PjC-CfPSPëC... PjP°CfPePμCfC-PI CfPμP·PsCfP±CfC— PeC-CfC,PsPe
CfPiPsCfC,PμCfC-PiP°P»Pë PiP¶Pμ CfPμCfPμP· PjC-CfCfCfCH PiC-CfP»Cf PiPsCfP°C,PeCf
P»C-PeCfPiP°PSPSCf C-P±P°PSPrCfPSPsPiPsCf PePëCfP»PsC,PsCf PI PrPsP·C- 2,5 PjPi
PSP° PrPsP±Cf. PμC-CfP»Cf PiCfPëPiPëPSPμPSPSCf P»C-PeCfPiP°PSPSCf
CfPiPsCfC,PμCfC-PiP°C”C,CHbCfCf PiPsPiPμCfPSPμPSPSCf PrPs PiP°C,PsP»PsPiC-CfPSPëC...

PiPsPeP°P·PSPëPeC-PI PiC-PrPIPëC%oPµPSPSc— CḡPµP·PsCḡP±C†C-C— PeC-Cl̇C,PsPe,
PiPsPIbḡ™ CḡP·P°PSPëC... C-P· PiPsCl̇C,PjPµPSPsPiP°CrP·P°P»CHbPSPëPj
PsCl̇C,PµPsPiPsCḡPsP·PsPj. P°C-Cl̇C,PsP»PsPiC-C†PSPëPNë P°PSP°P»C-P· P±C-PsPiC,P°C,C-PI
PeC-Cl̇C,PsPe PiC-Cl̇P»Cḡ PrPIPsC... C,P° C,CḡCHbPsC... CḡPsPeC-PI P»C-PeCrPIP°PSPSCḡ
PḡC-PSPsPe Cr PiPsCl̇C,PjPµPSPsPiP°CrP·C- PiPsPeP°P·P°PI, C%oPs PeC-Cl̇C,PeP°
PSPsCḡPjP°P»CHbPSPSc— PjPsCḡC,,PsP»PsPiC-C†PSPSc— CḡPePsCl̇C,C- C,P° PSPµ
PIPeP°P·CrC” PSP° PrPµC,,PµPeC, PjC-PSPµCḡP°P»C-P·P°C†C-C—.

PµPµPrC-P°C,CḡPëC†PSP° PiPsPiCḡP»CḡC†C-Cḡ

P—P°Cl̇C,PsCl̇CrPIP°PSPSCḡ C-P±P°PSPrCḡPsPSPsPIPsC— PePëCl̇P»PsC,Pë PSPµ
PIPëPIC†P°P»PsCl̇Cḡ Cl̇PµCḡPµPr PiPµPrC-P°C,CḡPëC†PSPSc— PiPsPiCrP»CḡC†C-C—, C,PsPjCr
PrP»Cḡ C†C-C”C— PiCḡCrPiPë PiP°C†C-C”PSC,C-PI PSPµPjP°C” PrP°PSPëC... C%oPsPrPs
PµC,,PµPeC,PëPIPSPsCl̇C,C- C,P° P±PµP·PiPµPePë P·P°Cl̇C,PsCl̇CrPIP°PSPSCḡ
P»C-PeP°CḡCl̇CHbPePsPiPs P·P°Cl̇PsP±Cr (PrPëPI. CḡPsP·PrC-P» B«PŸPiPsCl̇C-P±
P·P°Cl̇C,PsCl̇CrPIP°PSPSCḡ C,P° PrPsP·PëB» C- B«PαP°CḡPjP°PePsPeC-PSPµC,PëC†PSC-
PIP»P°Cl̇C,PëPIPsCl̇C,C-B»).

PαP°CḡPjP°PePsPeC-PSPµC,PëPeP°

PµPµCḡPIPëPSPSPëPNë C,,P°CḡPjP°PePsP»PsPiC-C†PSPëPNë PIPiP»PëPI
C-P±P°PSPrCḡPsPSPsPIPsC— PePëCl̇P»PsC,Pë PSP° PeC-Cl̇C,PePë PSPµ PjP°C” PiCḡCḡPjPsPiPs
PIC-PrPSPSc€PµPSPSCḡ PrPs C,,P°PeC,PëC†PSPëC... PePsPSC†PµPSC,CḡP°C†C-PNë
C-P±P°PSPrCḡPsPSPsPIPsC— PePëCl̇P»PsC,Pë Cr PiP»P°P·PjC- PeCḡPsPIC-, CḡPe
PiCḡPsPrPµPjPsPSCḡC,CḡPsPIP°PSPs PI CḡC-P·PSPëC... PrPsCl̇P»C-PrPḡPµPSPSCḡC... Cr
C,PIP°CḡPëPS C- P»CHPrPëPSPë.

P’Cl̇PjPsPeC,CrPIP°PSPSCḡ

PµC-Cl̇P»Cḡ PiPµCḡPsCḡP°P»CHbPSPsPiPs PiCḡPëPNëPsPjCr C-P±P°PSPrCḡPsPSPsPIP°
PePëCl̇P»PsC,P° C€PIPëPrPePs PIC†PjPsPeC,CrC”C,CHbCl̇Cḡ Cr PIPµCḡC...PSC-C...
PIC-PrPrC-P»P°C... C€P»CrPSPePsPIPs-PePëC€PePsPIPsPiPs C,CḡP°PeC,Cr.
PḡPsPSC†PµPSC,CḡP°C†C-Cḡ Cr PiP»P°P·PjC- PeCḡPsPIC- P·P±C-P»CHbC€CrC”C,CHbCl̇Cḡ
PiCḡPsPiPsCḡC†C-PNëPSPs PiCḡPë P·P±C-P»CHbC€PµPSPSC- PrPsP·Pë PrPs 50 PjPi PiCḡPë
PiPµCḡPsCḡP°P»CHbPSPsPjCr PiCḡPëPNëPsPjC- C- P·PSP°C†PSPs P±C-P»CHbC€Pµ bḡ” PiCḡPë
PiPsPrP°P»CHbC€PsPjCr PiC-PrPIPëC%oPµPSPSC- PrPsP·Pë. PḡP°PeCl̇PëPjP°P»CHbPSP°
PePsPSC†PµPSC,CḡP°C†C-Cḡ Cr PiP»P°P·PjC- PeCḡPsPIC- PrPsCl̇CḡPiP°C”C,CHbCl̇Cḡ
PiCḡPsC,CḡPiPsPj 30 C...PIPëP»PëPS bḡ” 2 PiPsPrPëPS (Cr Cl̇PµCḡPµPrPSCḡPsPjCr 1
PiPsPrPëPSP°) PiCḡPë PiCḡPëPNëPsPjC- PSP°C,C%oPµCl̇PµCḡC†Pµ, P°P±Cl̇PsP»CHbC,PSP°
P±C-PsPrPsCl̇C,CrPiPSC-Cl̇C,CHb Cl̇C,P°PSPsPIPëC,CHb PiCḡPëP±P»PëP·PSPs 0,6 %.
P’Cl̇PjPsPeC,CrPIP°PSPSCḡ PiPsPiC-CḡC€CrC”C,CHbCl̇Cḡ PiCḡPë PsPrPSPsC†P°Cl̇PSPsPjCr
PiCḡPëPNëPsPjC- P· C—PḡPµCH P°P±Ps PiPëC,C,CḡPj (PsPeCḡC-Pj P·PIPëC†P°PNëPSPsC—
PIPsPrPë). P’C-PsPrPsCl̇C,CrPiPSC-Cl̇C,CHb P·PjPµPSC€CrC”C,CHbCl̇Cḡ PiCḡPëP±P»PëP·PSPs
PSP° 90 % PiCḡPë PIPḡPëPIP°PSPSC- P·PIPëC†P°PNëPSPsPiPs Cl̇PSC-PrP°PSPeCr
PiPsCḡC-PIPSCḡPSPs P· P±C-PsPrPsCl̇C,CrPiPSC-Cl̇C,CHb PiCḡPë PiCḡPëPNëPsPjC-
P»C-PeP°CḡCl̇CHbPePsPiPs P·P°Cl̇PsP±Cr PSP°C,C%oPµCl̇PµCḡC†Pµ. PḡPµ
Cl̇PiPsCl̇C,PµCḡC-PiP°C”C,CHbCl̇Cḡ P·PSP°C†PSPsPiPs P·PjPµPSC€PµPSPSCḡ
P±C-PsPrPsCl̇C,CrPiPSPsCl̇C,C-, CḡPeC%oPs C-P±P°PSPrCḡPsPSPsPICr PePëCl̇P»PsC,Cr
PiCḡPëPNëPjP°P»Pë P·P° 60 C...PIPëP»PëPS PrPs PiPµCḡC€PsPiPs PIPḡPëPIP°PSPSCḡ C—PḡC-.
PµCḡPë PIPḡPëPIP°PSPSC- C—PḡC- P°P±Ps PSP°PiPsC—PI PjPµPSC€ PSC-Pḡ C†PµCḡPµP· 60
C...PIPëP»PëPS PiC-Cl̇P»Cḡ PiCḡPëPNëPsPjCr C-P±P°PSPrCḡPsPSPsPIPsC— PePëCl̇P»PsC,Pë
PiCḡPëCḡC-Cl̇C, CḡPe P±C-PsPrPsCl̇C,CrPiPSPsCl̇C,C-, C,P°Pe C- PjC-PSPµCḡP°P»CHbPSPSc—

P°C-P°PiP°P·PsPS PsC‡PµPIPëPrPSPsPiPs PiPµCĤC-PsPrCr PSP°PiC-PIIPëPIPµPrPµPSPSCĬ C€PëCĤPsPePëPNë C,P° PePsP»PëPIP°C°C,CHCĬCĬ Cr PjPµP¶P°C... 10-72 PiPsPrPëPS. PhCĬPeC-P»CHPePë CĤPsP·CĤP°C...PsPIP°PSC- P·PSP°C‡PµPSPSCĬ P·PSP°C‡PSPsCĤ PjC-CĤPsCĤ P·P°P»PµP¶P°C,CH PIC-Pr C,CĤPëPIP°P»PsCĬC,C- PrPsCĬP»C-PrP¶PµPSPSCĬ, P·P°CĬC,PsCĬPsPIP°PSPsC— PrPsP·Pë, C‡CrC,P»PëPIPsCĬC,C- PjPµC,PsPrCr P°PSP°P»C-P·Cr, PeC-PSC‡PµPIPëPNë PiPµCĤC-PsPr PSP°PiC-PIIPëPIPµPrPµPSPSCĬ, PIC-CĤPsPiC-PrPSPs, C° CĬCrC,C,C°PIPs PrPsPIC€PëPj, CĬPe C- PI C-PSC€PëC... P‡C-CĬC„PsCĬC„PsPSP°C,C-PI. PµPsC‡P°C,PePsPIC- CĤC-PIPSC- P»C-PeP°CĤCĬCHPePsPiPs P·P°CĬPsP‡Cr Cr PiP»P°P·PjC- PeCĤPsPIC- C€PIPëPrPePs P·PSPëP¶CrCĤC,CHCĬCĬ C- PrPsCĬCĬPiP°CĤC,CH 10 % PIC-Pr PjP°PeCĬPëPjP°P»CHPSPsPiPs P·PSP°C‡PµPSPSCĬ PiCĤPsC,CĬPiPsPj 3 PiPsPrPëPS C- 8 PiPsPrPëPS PiC-CĬP»CĬ PIPSCrC,CĤC-C€PSCĤPsPIPµPSPSPsPiPs PIIPµPrPµPSPSCĬ P°P‡Ps PiPµCĤPsCĤP°P»CHPSPsPiPs P·P°CĬC,PsCĬCrPIP°PSPSCĬ PIC-PrPiPsPIC-PrPSPs. P—P°PiP°P»CHPSPëPNë PeP»C-CĤPµPSCĬ C-P‡P°PSPrCĤPsPSPsPiPsC— PePëCĬP»PsC,Pë PSPëP·CHPePëPNë C,P° PI CĬPµCĤPµPrPSCĤPsPjCr CĬC,P°PSPsPiPëC,CH 84-160 PjP»/C...PI. PkPëCĤPePsPIPëPNë PeP»C-CĤPµPSCĬ (PiCĤPëP‡P»PëP·PSPs 60 PjP»/C...PI Cr P·PrPsCĤPsPiPëC... P¶C-PSPsPe Cr PiPµCĤC-PsPr PiPsCĬC,PjPµPSPsPiP°CrP·Pë) CĬC,P°PSPsPiPëC,CH 50-60 % PIC-Pr P·P°PiP°P»CHPSPsPiPs PeP»C-CĤPµPSCĬCr C-

P·P°P»PμP¶PëC,CH PIC-Pr PeP»C-ÇPμPSCÍCr PeÇPμP°C,PëPSC-PSCr. P C-P·PSPëC†C¶
PjC-P¶ PsC‡PμPIPëPrPSPëPj P·P°PiP°P»CHPSPëPj C- PSPëÇPμPePsPIPëPj PeP»C-ÇPμPSCÍPsPj
PIC-PrPsP±ÇP°P¶P°C” PìPsPiP»PëPSP°PSPSC¶ P»C-PeP°ÇPμCÍCHPePsPiPs P·P°CÍPsP±Cr
PeC-CÍC,PePsPIPsC¶ C,PeP°PSPëPSPsC¶. PëP»C¶C...Pë CÍPμPeÇPμC†C-C—,
PμPjPsPIC-ÇPSPs, PSPμ PIPeP»CHC‡P°CHC,CH PIC-PrPsPjCr PePëCÍP»PsC,PSCr C-
PsCÍPSPsPIPsCÍ CÍPëCÍC,PμPjPë C,ÇP°PSCÍPìPsC¶C,CrPIP°PSPSC¶, P·P°P»CrC‡PμPSC- Cr
PIPëPrC-P»PμPSPSC¶ C-PSCëPëC... PrC-CHC‡PëC... ÇPμC‡PsPIPëPS. PμÇP-C-Pj C,PsPiPs,
C-P±P°PSPrÇPμPSPsPIP° PePëCÍP»PsC,P° PSPμ PìÇPμPëPiPSC-C‡CrC” PsCÍPSPsPIPsC-
PìPμC‡C-PSPePsPIC- C-P·PsC,,PμÇPμPμPSC,Pë P₄₅₀ Cr P»CHPrPëPSPë C- PSPμ C-PSPrCrPeCrC”
CÍPëCÍC,PμPjCr C†PëC,PsC...ÇPμPjCr P₄₅₀ Cr C°oCrÇPμC-PI.

PαP°ÇPμPjP°PePsPeC-PSPμC,PëPeP° PI PsCÍPsP±P»PëPIPëC... PIPëPiP°PrPeP°C...

PŸC,P°C,CH

P’C-PsPrPsCÍC,CrPìPSC-CÍC,CH C- PìPsPeP°P·PSPëPePë C,,P°ÇPμPjP°PePsPeC-PSPμC,PëPePë
C-P±P°PSPrÇPμPSPsPIPsC— PePëCÍP»PsC,Pë PSPμ P·P°P»PμP¶P°C,CH PIC-Pr CÍC,P°C,C-.

P P°CÍP°

PkPμPjP°C” PrP°PSPëC... PìÇPμPs PeP»C-PSC-C‡PSPs P·PSP°C‡CrC°oCr PjC-P¶PμC,PSC-C‡PSCr
ÇPμC-P·PSPëC†C¶ PjC-P¶ PìP°C†C-C”PSC,P°PjPë PjPsPSPiPsP»PsC—PrPSPsC— C-
C”PICÇPμPiPμPsC—PrPSPsC— ÇPμCÍPë C°oPsPrPs ÇPμPsP·PìPsPrC-P»Cr
C-P±P°PSPrÇPμPSPsPIPsC— PePëCÍP»PsC,Pë. PμÇPμPs PìP°C†C-C”PSC,C-PI
PSPμPìÇPμPsC—PrPSPsC— ÇPμCÍPë PrP°PSPëC... PSPμPrPsCÍC,P°C,PSCHPs.

PμP°C†C-C”PSC,Pë P· PSPëÇPμPePsPIPsC¶ PSPμPrPsCÍC,P°C,PSC-CÍC,CH

PkPëÇPμPePsPIPëPμ PeP»C-ÇPμPSCÍ C-P±P°PSPrÇPμPSPsPIPsC— PePëCÍP»PsC,Pë Cr
PìP°C†C-C”PSC,C-PI P· ÇPμC-P·PSPsC¶ CÍC,P°PrC-C”C¶ PSPëÇPμPePsPIPsC—
PSPμPrPsCÍC,P°C,PSPsCÍC,C- P»C-PSC-PμPSPs P·P°P»PμP¶PëC,CH PIC-Pr PeP»C-ÇPμPSCÍCr
PeÇPμP°C,PëPSC-PSCr. PμP°C†C-C”PSC,P°Pj C-P· P»PμPiPePsC¶ C,P° PìPsPjC-ÇPμPSPsC¶
PSPëÇPμPePsPIPsC¶ PSPμPrPsCÍC,P°C,PSC-CÍC,CH (PeP»C-ÇPμPSCÍ PeÇPμP°C,PëPSC-PSCr
≥30 PjP»/C...PI) PrPsP·Cr P»C-PeP°ÇPμCÍCHPePsPiPs P·P°CÍPsP±Cr PePsÇPμPëPiCrPIP°C,Pë PSPμ
PìPsC,ÇPμC-P±PSPs, C¶Pe PIC-PrPsP±ÇPμP°P¶PμPSPs Cr PrPsCÍP»C-PrP¶PμPSPSC- P’Pμ16549,
PrPμ P±C-P»CHCëC-CÍC,CH PìP°C†C-C”PSC,C-PI P±CrP»P° C-P· P»PμPiPePsC¶ C,P°
PìPsPjC-ÇPμPSPsC¶ PSPëÇPμPePsPIPsC¶ PSPμPrPsCÍC,P°C,PSC-CÍC,CH.

P’ PsCÍC-P± C-P· C,C¶P¶PePsC¶ PSPëÇPμPePsPIPsC¶ PSPμPrPsCÍC,P°C,PSC-CÍC,CH
(PeP»C-ÇPμPSCÍ PeÇPμP°C,PëPSC-PSCr <30 PjP»/C...PI), C¶PeC- PsC,ÇPμPëPjCrPIP°P»Pë
C-P±P°PSPrÇPμPSPsPICr PePëCÍP»PsC,Cr PìPμÇPμC¶P°P»CHPSPs Cr PrPsP·C- 10 PjPi
PìÇPμPsC,C¶PiPsPj 21 PrPSC¶, PePsPSC†PμPSC,ÇPμC†C-C¶ Cr PìP»P°P·PjC- PeÇPμPsPIC-
P±CrP»P° Cr 2-3 ÇPμP·Pë PIPëC°oPsC¶, PSC-P¶ PI PsCÍC-P± C-P· PSPsÇPμPjP°P»CHPSPsC¶
C,,CrPSPeC†C-C”C¶ PSPëÇPμPsPe, C- P·P°PiP°P»CHPSPëPμ PeP»C-ÇPμPSCÍ
C-P±P°PSPrÇPμPSPsPIPsC— PePëCÍP»PsC,Pë CÍC,P°PSPsPIPëPI 44 PjP»/C...PI. PμC-CÍP»C¶
PIPsCÍC,ÇPμC-CëPSCHPsPIPμPSPsPiPs PIPμPrPμPSPSC¶ 0,5 PjPi
C-P±P°PSPrÇPμPSPsPIPsC— PePëCÍP»PsC,Pë P·P°PiP°P»CHPSPëPμ, PSPëÇPμPePsPIPëPμ C,P°
PSPμPSPëÇPμPePsPIPëPμ PeP»C-ÇPμPSCÍ P·PSPëP¶CrPIP°PICÍC¶ PSP° 67 %, 77 % C,P° 50 %
PIC-PrPìPsPIC-PrPSPs PI PsCÍC-P± C-P· C,C¶P¶PePsC¶ PSPëÇPμPePsPIPsC¶
PSPμPrPsCÍC,P°C,PSC-CÍC,CH, P°P»Pμ P·PSPëP¶PμPSPSC¶ PìPμÇPμPSPsCÍPëPjPsCÍC,C-
P»C-PeP°ÇPμCÍCHPePsPiPs P·P°CÍPsP±Cr PIPSP°CÍP»C-PrPsPe P·ÇPμPsCÍC,P°PSPSC¶
PμPeCÍPìPsP·PëC†C-C— PSPμ CÍPìPsCÍC,PμÇPμC-PìP°P»PsCÍC¶. P§PμÇPμP·

PsP±PjPμP¶PμPSPëPNë PeP»C-PSC-C±PSPëPNë PrPsCÍPIC-Pr P·P°CÍC,PsCÍCÍPIP°PSPSCÍP
P»C-PeP°CĤCÍCHPePsPiPs P·P°CÍPsP±CÍ PSPμ CĤPμPePsPjPμPSPPrPsPIP°PSPs
PİP°C†C-C”PSC,P°Pj C-P· C,CİP¶PμPePsCĤ PSPëCĤPePsPIPsCĤ PSPμPrPsCÍC,P°C,PSC-CÍC,CĤ
(PrPëPI. CĤPsP·PrC-P»Pë B«PĤCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PsCÍCÍPIP°PSPSCÍPB»,
B«PŸPiPsCÍC-P± P·P°CÍC,PsCÍCÍPIP°PSPSCÍP C,P° PrPsP·PëB»).

PαP°CĤPjP°PePsPeC-PSPμC,PëPeP° C-P±P°PSPPrCĤPsPSPsPIPsC— PePëCÍP»PsC,Pë CÍ
PİP°C†C-C”PSC,C-PI C-P· C,PμCĤPjC-PSP°P»CHPSPsCĤ CÍC,P°PrC-C”CĤ PSPëCĤPePsPIPsC—
PSPμPrPsCÍC,P°C,PSPsCÍC,C- PsC†C-PSCĤPIP°P»P°CÍCÍP P»PëC€Pμ CÍ PSPμPIPμP»PëPePsC—
PeC-P»CHPePsCÍC,C- PİP°C†C-C”PSC,C-PI, CİPeC- PİPμCĤPμP±CÍPIP°P»Pë PSP°
PiPμPjPsPrC-P°P»C-P·C-, C,PsPjCÍ C,,P°CĤPjP°PePsPeC-PSPμC,PëPeP°
C-P±P°PSPPrCĤPsPSPsPIPsC— PePëCÍP»PsC,Pë CÍ PİP°C†C-C”PSC,C-PI, CİPeC- PSPμ
PİPμCĤPμP±CÍPIP°CĤC,CH PSP° PrC-P°P»C-P·C-, PSPμPIC-PrPsPjP°. PŞPμCĤPμP·
PsP±PjPμP¶PμPSC-CÍC,CH PrP°PSPëC... C-P±P°PSPPrCĤPsPSPsPICÍ PePëCÍP»PsC,CÍ PSPμ
CÍP»C-Pr P·P°CÍC,PsCÍPsPICÍPIP°C,Pë PİP°C†C-C”PSC,P°Pj C-P· C,PμCĤPjC-PSP°P»CHPSPsCĤ
CÍC,P°PrC-C”CĤ PSPëCĤPePsPIPsC— PSPμPrPsCÍC,P°C,PSPsCÍC,C-.

PμP°C†C-C”PSC,Pë P· PİPμC±C-PSPePsPIPsCĤ PSPμPrPsCÍC,P°C,PSC-CÍC,CĤ (PrPëPI.
CĤPsP·PrC-P» B«PŸPiPsCÍC-P± P·P°CÍC,PsCÍCÍPIP°PSPSCÍP C,P° PrPsP·PëB»).

PkPμPjP°C” PrP°PSPëC... C%PsPrPs C,,P°CĤPjP°PePsPeC-PSPμC,PëPePë
C-P±P°PSPPrCĤPsPSPsPIPsC— PePëCÍP»PsC,Pë CÍ PİP°C†C-C”PSC,C-PI P·
PİPμC±C-PSPePsPIPsCĤ PSPμPrPsCÍC,P°C,PSC-CÍC,CĤ. PμPμC±C-PSPeP° PSPμ
P±PμCĤPμ P·PSP°C±PSPsC— CÍC±P°CÍC,C- CÍ PeP»C-CĤPμPSCÍC-
C-P±P°PSPPrCĤPsPSPsPIPsC— PePëCÍP»PsC,Pë, CİPeP° PSPμ
PjPμC,P°P±PsP»C-P·CÍC”C,CHCÍCÍP, P° PİPëPIPsPrPëC,CHCÍCÍP PSPëCĤPeP°PjPë C-
C€P»CİC...PsPj PİPsPiP»PëPSP°PSPSCÍP PeC-CÍC,PePsPIPsCĤ C,PeP°PSPëPSPsCĤ.
PŸP°PePëPj C±PëPSPsPj, CÍ PİP°C†C-C”PSC,C-PI C-P· PİPμC±C-PSPePsPIPsCĤ
PSPμPrPsCÍC,P°C,PSC-CÍC,CĤ PePsCĤPμPeC†C-Cİ PrPsP·Pë
P»C-PeP°CĤCÍCHPePsPiPs P·P°CÍPsP±CÍ PSPμ PİPsC,CĤC-P±PSP°.

PμP°C†C-C”PSC,Pë P»C-C,PSCHPePsPiPs PIC-PeCÍ (PrPëPI. CĤPsP·PrC-P»Pë
B«PŸPiPsCÍC-P± P·P°CÍC,PsCÍCÍPIP°PSPSCÍP C,P° PrPsP·PëB»)

P’PëPIC±PμPSC- C,,P°CĤPjP°PePsPeC-PSPμC,PëC±PSC- PİP°CĤP°PjPμC,CĤPë PİCĤPë
P±P°PiP°C,PsPIPëPjC-CĤPSPsPjCÍ P°PSP°P»C-P·C- PSPμ P·P°P»PμP¶P°C,CH PIC-Pr PIC-PeCÍ.
PĤCÍPeC-P»CHPePë C,,CÍPSPeC†C-CİP PSPëCĤPsPe P·PjPμPSC€CÍC”C,CHCÍCÍP P· PIC-PePsPj,
C†Pμ C”PrPëPSPëPNë C,,P°PeC,PsCĤ, CİPePëPNë CÍP»C-Pr P±CĤP°C,Pë PrPs CÍPIP°PiPë (PrPëPI.
CĤPsP·PrC-P» B«PμP°C†C-C”PSC,Pë P· PSPëCĤPePsPIPsCĤ PSPμPrPsCÍC,P°C,PSC-CÍC,CĤB»).

P”C-C,Pë (PrPëPI. CĤPsP·PrC-P» B«PŸPiPsCÍC-P± P·P°CÍC,PsCÍCÍPIP°PSPSCÍP C,P°
PrPsP·PëB» C,P° B«PαP°CĤPjP°PePsP»PsPiC-C±PSC- PIP»P°CÍC,PëPIPsCÍC,C-B»).

PkPμPjP°C” PrP°PSPëC... C%PsPrPs P·P°CÍC,PsCÍCÍPIP°PSPSCÍP P»C-PeP°CĤCÍCHPePsPiPs
P·P°CÍPsP±CÍ PrC-C,CİPj.

P”P°PSC- PrPsPeP»C-PSC-C±PSPëC... PrPsCÍP»C-PrP¶PμPSCĤ

PŸPsPeCÍPëC±PSC- PμC,,PμPeC,Pë, P·PsPeCĤPμPjP° PsP·PSP°PePë CÍCĤP°P¶PμPSPSCÍP
PSPëCĤPsPe, CÍPiPsCÍC,PμCĤC-PİP°P»PëCÍCİ CÍ CÍPsP±P°Pe P»PëC€Pμ PİCĤPë PİPİP»PëPIC-,
C%Ps P·PSP°C±PSPs PİPμCĤPμPIPëC%CrPIP°PI PjP°PeCÍPëPjP°P»CHPSPëPNë PİPİP»PëPI CÍ
P»CĤPrPëPSPë, C%Ps CÍPIC-PrC±PëC,CH PİCĤPs PSPμP·PSP°C±PSCÍ PeP»C-PSC-C±PSCÍ
CĤPμP»PμPIP°PSC,PSC-CÍC,CH C†PëC... PrP°PSPëC...

P_hC₂C,P°PiP_μPSPSC-ClC,CH / PeP°PSC†P_μCT_hPsPiP_μPSPSC-ClC,CH

P_hP·PSP°Pe PeP°PSC†P_μCT_hPsPiP_μPSPSPsClC,C- PSP_μ PIPëC_hPIP»P_μPSPs. P_hP_μClC,Pë PSP° PiP_μPSPsC,PsPeCl†PëC†PSC-ClC,CH PSP_μ PIPëC_hPIPëP»Pë PrPsPeP°P·C-PI PiP_μPSP_μC,PëC†PSPsC— P°PeC,PëPIPSsClC,C- C-P±P°PSPrCT_hPsPSPsPIPsC— PePëCl†P»PsC,Pë.

P P_μPiCT_hPsPrC₂PeC,PëPIPSP° C,PsPeCl†PëC†PSC-ClC,CH

P_kP_μ PsC,CT_hPëPjP°PSPs PrPsPeP°P·C-PI PiCT_hC_hPjPsC— C,PsPeCl†PëC†PSPsC— P°P±Ps C,P_μCT_hP°C,PsPiP_μPSPSPsC— PrC-C— C-P±P°PSPrCT_hPsPSPsPIPsC— PePëCl†P»PsC,Pë PSP° PiP»C-Pr PiCT_hPë PiP_μCT_hPsCT_hP°P»CHPSPsPjCr P·P°ClC,PsCl†C_hPIP°PSPSC- Cr C%CrCT_hC-PI C,P° PeCT_hPsP»C-PI, P° C,P°PePsP_h PSP_μ PIC-PrP·PSP°C†P°P»PsCl†C_h P_hPsPrPSPëC... PSP_μP±P°P_hP°PSPëC... PIPiP»PëPIC-PI PSP° CT_hPsP·PIPëC,PsPe PiPsC,PsPjClC,PIP° Cr C%CrCT_hC-PI PiCT_hPë P·P°ClC,PsCl†C_hPIP°PSPSC- PIPëCl†PsPePëC... PrPsP·, C%Ps Cr 35 CT_hP°P·C-PI PiP_μCT_hP_μPIPëC%CrPIP°P»Pë PIPiP»PëPI Cr P»CHPrPëPSPë.

Pj PrPsCl†P»C-PrP_hP_μPSPSC_hC... PIPiP»PëPIC_h PSP° CT_hP_μPiCT_hPsPrCrPeC,PëPIPSCl_h C,,CrPSPeC†C-CT Cr C%CrCT_hC-PI PiP_μCT_hPsCT_hP°P»CHPSP_μ P·P°ClC,PsCl†C_hPIP°PSPSC_h Cr PrPsP·P°C... 1 PjPi/PePi/PrPsP±Cr C- PIPëC%P_μ Cl†C_hPiCT_hPsPIPsPrP_hCrPIP°P»PsCl†C_h PiC-PrPIPëC%P_μPSPSC_hPj CT_hC-PIPSCl_h PiCT_hP_μC-PjPiP»P°PSC,P°C†C-PN₂PSPëC... PIC,CT_hP°C,. Pj CT_hP_μPiCT_hPsPrCrPeC,PëPIPSëC... PrPsCl†P»C-PrP_hP_μPSPSC_hC... PSP° C%CrCT_hP°C... PiCT_hPë PIPSC_hCr,CT_hC-C€PSC_hPsPIP_μPSPSPsPjCr PIPiP_μPrP_μPSPSC- C-P±P°PSPrCT_hPsPSPsPIPsC— PePëCl†P»PsC,Pë Cl†PiPsClC,P_μCT_hC-PiP°P»PsCl†C_h P·PSPëP_hP_μPSPSC_h PeC-P»CHPePsClC,C- Cl†PiP_μCT_hPjP°C,PsP·PsC—PrC-PI PiCT_hPë PrPsP·P°C... 0,3 C,P° 1 PjPi/PePi/PrPsP±Cr, P·PSPëP_hP_μPSPSC_h C,,P_μCT_hC,PëP»CHPSPsClC,C- Cr Cl†P°PjC†C-PI PiCT_hPë PrPsP·C- 1 PjPi/PePi/PrPsP±Cr, P° Cr Cl†P°PjPsPe б_h” PiCT_hPë PrPsP·C- 1,2 PjPi/PePi/PrPsP±Cr. P_hPsP±C-C†PSC- P_μC,,P_μPeC,Pë C-P±P°PSPrCT_hPsPSPsPIPsC— PePëCl†P»PsC,Pë PSP° CT_hP_μPiCT_hPsPrC₂PeC,PëPIPSCl_h C,,C₂PSPeC†C-CT

P”PsCl†P»C-PrP_hP_μPSPSC_h C,PsPeCl†PëC†PSPsClC,C- Cr C%CrCT_hC-PI, PiCT_hPsPIP_μPrP_μPSC- P· PIPëPePsCT_hPëClC,P°PSPSC_hPj P±C-ClC,,PsClC,,PsPSP°C,C-PI C_hPe PeP»P°Cl†Cr, PiPsPeP°P·P°P»Pë: P·PjP_μPSC€P_μPSPSC_h PeC-P»CHPePsClC,C- C-PjPiP»P°PSC,P°C†C-PN₂, PiPsCT_hCrC€P_μPSPSC_h PiP_μCT_hP_μP±C-PiCr PiPsP»PsPiC-PI (PrPëClC,PsC†C-C_h), P° C,P°PePsP_h P·P±C-P»CHC€P_μPSPSC_h C†P°ClC,PsC,Pë PIC-Cl†C†P_μCT_hP°P»CHPSPëC... P°PSPsPjP°P»C-PN₂ (Cl†PëPSPrCT_hPsPj PjPëCl†PePë PSPëCT_hPePë C,P° Cl†P_μC†PsPIPsPrCr).

Р_hP»C-PSC-C†PSC- C...P°CT_hP°PeC,P_μCT_hPëClC,PëPePë

P_μPsPeP°P·P°PSPSC_h

P>C-PeCl†PIP°PSPSC_h PsClC,P_μPsPiPsCT_hPsP·Cr Cr P_hC-PSPsPe Cr PiPsClC,PjP_μPSPsPiP°CrP·P°P»CHPSPëPN₂ PiP_μCT_hC-PsPr C-P· PiC-PrPIPëC%P_μPSPëPj CT_hPëP·PëPePsPj PiP_μCT_hP_μP»PsPjC-PI. P_hCT_hPsPrP_μPjPsPSC_hClC,CT_hPsPIP°PSPs P·PSPëP_hP_μPSPSC_h CT_hPëP·PëPeCr PIP_μCT_hC,P_μP±CT_hP°P»CHPSPëC... PiP_μCT_hP_μP»PsPjC-PI, P_μC,,P_μPeC,PëPIPSClC-ClC,CH C%PsPrPs P·P°PiPsP±C-PiP°PSPSC_h PiP_μCT_hP_μP»PsPjC-PI C€PëPN₂PePë ClC,P_μPiPSP° PSP_μ PICClC,P°PSPsPIP»P_μPSP°.

P_μCT_hPsC,PëPiPsPeP°P·P°PSPSC_h

Р₄С-РrPIPëC%P_μPSP° C±C₁C,P»PëPIC-С₁C,С₁Н РrPs C-P±P°PSPrC₁PsPSPsPIPsC—
PePëC₁P»PsC,Pë P°P±Ps РrPs P±C₁PrC₁Н-С₁IPePsPiPs C-PSC€PsPiPs PePsPjP_iPsPSPμPSC,P°
P»C-PeP°C₁C₁НPePsPiPs P·P°C₁PsP±C₁.

P“C-PiPsPeP°P»CHC†C-C”PjC-С₁

P—P°C...PIPsC₁НPIP°PSPSC₁ C₁C,С₁НP°PIPsC...PsPrC₁ P·C- C₁PiPsPIC-P»CHPSPμPSPSC₁IPj
C₁PiPsC₁НPsP₁PSPμPSPSC₁ C₁C,С₁НP°PIPsC...PsPrC₁, PSP°PiC₁НPëPeP»P°Pr
C₁C,С₁НPëPeC,C₁C₁НP°, P°C...P°P»P°P·C-С₁.

Р₄PμC₁PiC₁НPsPjPsP₁PSC-С₁C,С₁Н P·PSP°C...PsPrPëC,PëC₁Н C₁
PIPμC₁Н,PëPeP°P»CHPSPsPjC₁ PiPsP»PsP₁PμPSPSC- (C₁C,PsC₁Н,Pë C±Pë C₁PëPrC-C,Pë)
PiC₁НPsC,С₁IPiPsPj C%PsPSP°PN₂PjPμPSC€Pμ 60 C...PIPëP»PëPS.

***P'P·P°C”PjPsPrC-С₁ P· C-PSC€PëPjPë P»C-PeP°C₁C₁НPePëPjPë P·P°C₁PsP±P°PjPë C,P°
C-PSC€C- PIPëPrPë PIP·P°C”PjPsPrC-PN₂***

P'P·P°C”PjPsPrC-С₁ P»C-PeP°C₁C₁НPePëPN₂ P·P°C₁C-P± - C—P₁P°

P'C-PsPrPsC₁C,C₁PiPSC-С₁C,С₁Н PiC₁НPë PiPμC₁НPsC₁НP°P»CHPSPsPjC₁
P·P°C₁C,PsC₁C₁PiP°PSPSC- C-P±P°PSPrC₁PsPSPsPIPsC— PePëC₁P»PsC,Pë P·P°PiP°P»PsPj
P·PSPëP₁C₁C”C,С₁НC₁C₁ PiC₁НPë PSP°C₁PIPSPsC₁C,C- C—P₁C-. P—PsPeC₁НPμPjP°,
PiC₁НPsPrC₁PeC,Pë C...P°C₁C±C₁PiP°PSPSC₁, C%Ps PjC-C₁C,С₁Н PeP°P»CHC†C-PN₂, C₁
C,PsPjC₁ C±PëC₁P»C- PjPsP»PsPePs, C,P° C-PSC€C- PiPsP»C-PIP°P»PμPSC,PSC- PeP°C,C-PsPSPë
(P°P»C₁НPjC-PSC-PN₂, PjP°PiPSC-PN₂, P·P°P»C-P·Ps) PjPsP₁C₁C,С₁Н PiPsC₁НC₁C₁PiP°C,Pë
PIC₁PjPsPeC,C₁PiP°PSPSC₁ P»C-PeP°C₁C₁НPePsPiPs P·P°C₁PsP±C₁, C%Ps
C₁PiC-PIPiP°PrP°C” P· C₁НPμP·C₁P»CHC,P°C,P°PjPë, PsC,С₁НPëPjP°PSPëPjPë C₁
PrPsC₁P»C-PrP₁PμPSPSC₁C... PSP° C,PIP°C₁НPëPSP°C.... P₁PsPjC₁ P»C-PeP°C₁C₁НPePëPN₂
P·P°C₁C-P± C₁P»C-Pr PiC₁НPëPN₂PjP°C,Pë PiC-C₁P»C₁ PSC-C±PSPsPiPs
PiPsP»PsPrC₁PiP°PSPSC₁ (C%PsPSP°PN₂PjPμPSC€Pμ 6 PiPsPrPëPS) C-
PiC₁НPsPrPsPIP₁C₁PiP°C,Pë P±C₁C,Pë PSP°C,C%Pμ 1 PiPsPrPëPSC₁ PiC-C₁P»C₁ PN₂PsPiPs
PiC₁НPëPN₂PsPjC₁ (PrPëPI. C₁НPsP·PrC-P» B«P₁PiPsC₁C-P± P·P°C₁C,PsC₁C₁PiP°PSPSC₁ C,P°
PrPsP·PëB»).

P'P·P°C”PjPsPrC-С₁ P· C-PSC€PëPjPë P»C-PeP°C₁C₁НPePëPjPë P·P°C₁PsP±P°PjPë

P₁PμC,P°P±PsP»C-C±PSC- PIP·P°C”PjPsPrC-C— PSPμ PIPiP°P₁C₁Н,С₁НC₁C₁
PIC-С₁НPiC-PrPSPëPjPë, PsC₁PeC-P»CHPePë C-P±P°PSPrC₁PsPSPsPIP° PePëC₁P»PsC,P° PSPμ
PiC₁НPëPiPSC-C±C₁C” PsC₁PSPsPIPSC- PiPμC±C-PSPePsPIC- C-P·PsC,,PμC₁НPjPμPSC,Pë P₄₅₀ C₁
P»C₁НPrPëPSPë C,P° PSPμ C-PSPrC₁PeC₁C” C₁PëC₁C,PμPjC₁ PiPμC±C-PSPePsPIPsPiPs
C†PëC,PsC...C₁НPsPjC₁ P₄₅₀ C₁ C%C₁C₁Н-PI (PrPëPI. C₁НPsP·PrC-P»
B«P°P°C₁НPjP°PePsPeC-PSPμC,PëPeP°B»). P'PëPIPsPrPëC,С₁НC₁C₁ C-P±P°PSPrC₁PsPSPsPIP°
PePëC₁P»PsC,P° C€P»C₁НC...PsPj PSPëC₁НPePsPIPsC— PμPeC₁PeC₁НPμC†C-C— C- PSPμ
PiC-PrP»C₁IPiP°C” PiC₁НPsC†PμC₁P°Pj P±C-PsC,С₁НP°PSC₁C,,PsC₁НPjP°C†C-C—.

PμC₁НPiP°C₁НP°C,Pë PeP°P»CHC†C-C₁, P°PSC,P°C†PëPrPë C- PrPμC₁IPeC- C-PSC€C-
P»C-PeP°C₁C₁НPeC- P·P°C₁PsP±Pë, C%Ps PjC-C₁C,С₁Н

PiPsP»C-PIP°P»PμPSC,PSC- PeP°C,C-PsPSPë. PμC₁НPiP°C₁НP°C,Pë PeP°P»CHC†C-C₁,
P°PSC,P°C†PëPrPë C,P° PrPμC₁IPeC- C-PSC€C- PiPμC₁НPsC₁НP°P»CHPSC- P·P°C₁PsP±Pë, PrPs
C₁PeP»P°PrC₁ C₁IPePëC... PIC...PsPrC₁Н,С₁Н PiPsP»C-PIP°P»PμPSC,PSC- PeP°C,C-PsPSPë

(P°P»CĤPjC-PSC-PN₂, PjP°PiPSC-PN₂, P·P°P»C-P·Ps), PjPsP¶CfC,CH PïPsCĤCfC€CfPIP°C,Pë
PICfPjPsPeC,CfPIP°PSPSCĬ P»C-PeP°CĤCfCHPePsPiPs P·P°CfPsP±Cf. PÿPsPjCf
PïP°C†C-C°PSC,P°Pj PSPµ CfP»C-Pr PïCĤPëPN₂PjP°C,Pë C-PSC€C- P»C-PeP°CĤCfCHPeC-
P·P°CfPsP±Pë C%₀₀PsPSP°PN₂PjPµPSC€Pµ PïCĤPsC,CĬPiPsPj 6 PiPsPrPëPS PrPs PïCĤPëPN₂PsPjCf
PïCĤPµPïP°CĤP°C,Cf C- PïCĤPsC,CĬPiPsPj 1 PiPsPrPëPSPë PïC-CfP»CĬ PïCĤPëPN₂PsPjCf
P»C-PeP°CĤCfCHPePsPiPs P·P°CfPsP±Cf.

PĥC†PµC,PëP»CfP°P»C-C†PëP»PsPIP° PePëCfP»PsC,P° C- PkPµP—P—

PĥCfPeC-P»CHPePë P°C†PµC,PëP»CfP°P»C-C†PëP»PsPIP° PePëCfP»PsC,P°,
PSPµCfC,PµCĤPsC—PrPSC- PïCĤPsC,PëP·P°PïP°P»CHPSC- P·P°CfPsP±Pë (PkPµP—P—) C-
P±C-CfC,,PsCfC,,PsPSP°C,Pë PjPsP¶CfC,CH CfPïCĤPëC†PëPSCĬC,Pë PïPsPrCĤP°P·PSPµPSPSCĬ
C€P»CfPSPePsPIPs-PePëC€PePsPIPsPiPs C,CĤP°PeC,Cf, PSPµPsP±C...C-PrPSPs P·
PsP±PµCĤPµP¶PSC-CfC,CH P·P°CfC,PsCfPsPICfPIP°C,Pë PkPµP—P— PsPrPSPsC†P°CfPSPs P·
PrP°PSPëPj P»C-PeP°CĤCfCHPePëPj P·P°CfPsP±PsPj (PrPëPI. CĤPsP·PrC-P»
B«PĥCfPsP±P»PëPIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSCĬB»).

Pk₂-P±P»PsPeP°C,PsCĤPë C,P° C-PSPiC-P±C-C,PsCĤPë PïCĤPsC,PsPSPSPsPiPs
PSP°CfPsCfP°

PJ PrPsCfP»C-PrP¶PµPSPSC- BM16549 P· CfC†P°CfC,CH 1500 PïP°C†C-C°PSC,C-PI
PïCĤPsPIPsPrPëP»PsCfCH PïPsCĤC-PIPSCĬPSPSCĬ CĤPµP¶PëPjC-PI PrPsP·CfPIP°PSPSCĬ
C-P±P°PSPrCĤPsPSPsPIPsC— PePëCfP»PsC,Pë (C%₀₀PsPrPµPSPSPs C,P° 1 CĤP°P· PSP°
PjC-CfCĬC†CH), PïCĤPë C†CHPsPjCf 14 % PïP°C†C-C°PSC,C-PI C- 18 % PïP°C†C-C°PSC,C-PI
C,P°PePsP¶ PsC,CĤPëPjCfPIP°P»Pë P±P»PsPeP°C,PsCĤPë Pk₂-PiC-CfC,P°PjC-PSPsPIPëC...
CĤPµC†PµPïC,PsCĤC-PI P°P±Ps C-PSPiC-P±C-C,PsCĤPë PïCĤPsC,PsPSPSPsPiPs PSP°CfPsCfP°
C†PµCĤPµP· PsPrPëPS C- PrPIP° CĤPsPePë PIC-PrPïPsPIC-PrPSPs. PşP°CfC,PsC,P° CĬPIPëC%₀₀ P·
P±PsPeCf PIPµCĤC...PSC-C... PIC-PrPrC-P»C-PI C€P»CfPSPePsPIPs-PePëC€PePsPIPsPiPs
C,CĤP°PeC,Cf Cf PïP°C†C-C°PSC,C-PI, CĬPeC- PsC,CĤPëPjCfPIP°P»Pë
P»C-PeP°CĤCfCHPePëPN₂ P·P°CfC-P± PïPs 150 PjPi 1 CĤP°P· PSP° PjC-CfCĬC†CH, P±CfP»P°
C,P°PePsCĤ P¶, CĬPe C- Cf PïP°C†C-C°PSC,C-PI, CĬPeC- PsC,CĤPëPjCfPIP°P»Pë
C-P±P°PSPrCĤPsPSPsPICf PePëCfP»PsC,Cf 2,5 PjPi C%₀₀PsPrPµPSPSPs. PJ
PrPsCfP»C-PrP¶PµPSPSC- P· CfC†P°CfC,CH P·PrPsCĤPsPIPëC... PrPsP±CĤPsPIPsP»CHC†C-PI
(C†PsP»PsPIC-PeC-PI) C- P¶C-PSPsPe Cf PïPsCfC,PjPµPSPsPïP°CfP·C- CĤP°PSC-C,PëPrPëPS
PïCĤPë PIPSCfC,CĤC-C€PSCĤPsPIPµPSPSPsPjCf PIPµPrPµPSC- P·P±C-P»CHC€CfPIP°PI
P±C-PsPrPsCfC,CfPïPSC-CfC,CH C-P±P°PSPrCĤPsPSPsPIPsC— PePëCfP»PsC,Pë
PïCĤPëP±P»PëP·PSPs PSP° 20 %, PjPsP¶P»PëPIPs, P·P° CĤP°C...CfPSPsPe P·PjPµPSC€PµPSPSCĬ
PePëCfP»PsC,PSPsCfC,C- C€P»CfPSPePsPIPsPiPs CfPsPeCf. PĥPrPSP°Pe C†PµCĤPµP· C,Pµ,
C%₀₀Ps C†Pµ PïC-PrPIPëC%₀₀PµPSPSCĬ P·PSP°C...PsPrPëC,CHCfCĬ Cf PjPµP¶P°C... PSPsCĤPj
P±C-PsPrPsCfC,CfPïPSPsCfC,C- C-P±P°PSPrCĤPsPSPsPIPsC— PePëCfP»PsC,Pë,
PePsCĤPµPeC†C-CĬ PrPsP·Pë P»C-PeP°CĤCfCHPePsPiPs P·P°CfPsP±Cf PïCĤPë
PsPrPSPsC†P°CfPSPsPjCf PïCĤPëPN₂PsPjC- P· P±P»PsPeP°C,PsCĤP°PjPë Pk₂-
CĤPµC†PµPïC,PsCĤC-PI C†Pë C-PSC€PëPjPë PïCĤPµPïP°CĤP°C,P°PjPë, C%₀₀Ps
PïC-PrPIPëC%₀₀CfCĤC,CH CĤC-PIPµPSCĤ PePëCfP»PsC,PSPsCfC,C- C€P»CfPSPePsPIPsPiPs
CfPsPeCf, PSPµ PïPsC,CĤC-P±PSP°.

PĥCfPsP±P»PëPIPsCfC,C- P·P°CfC,PsCfCzPIP°PSPSCĬ

P°C-PïPsPeP°P»CHC†C-C°PjC-CĬ

P"Ps PiPsC±P°C,PeCf P·P°CfC,PsCfCfPIP°PSPSCl P»C-PeP°CfCfCHPePsPiPs P·P°CfPsP±Cf
PiPsC,CfC-P±PSPs PIC-PrPePsCfPëPiCfPIP°C,Pë PiC-PiPsPeP°P»CHC†C-C"pJc-Cf. P'CfC-
C-PSC€C- PiPsCfCfC€PµPSPSCl PjPµC,P°P±PsP»C-P·PjCf PeC-CfC,PePsPIPsC—
C,PeP°PSPëPSPë C,P° PjC-PSpµCfP°P»CHPSPsPiPs PsP±PjC-PSCf CfPµC†PsPIPëPS C,P°PePsP¶
CfP»C-Pr PµC,,PµPeC,PëPIPsPs P»C-PeCfPIP°C,Pë. PÿP»C-Pr P·P°CfC,PsCfPsPICfPIP°C,Pë
PrPsCfC,P°C,PSCf PeC-P»CHPeC-CfC,CH PeP°P»CHC†C-Cf C,P° PIC-C,P°PjC-PSCf D,
PsCfPeC-P»CHPePë C†Pµ PIP°P¶P»PëPIPs PrP»Cf PICfC-C... PiP°C†C-C"PSC,C-PI.

PµPsPrCfP°P·PSPµPSPSCl C€P»CfPSPePsPIPs-PePëC€PePsPIPsPiPs C,CfP°PeC,Cf

P'C-CfC,,PsCfC,,PsPSP°C,Pë PrP»Cf PiPµCfPsCfP°P»CHPSPsPiPs P·P°CfC,PsCfCfPIP°PSPSCl
PjPsP¶CfC,CH CfPµCfPëC†PëPSClC,Pë PjC-CfC†PµPIPµ PiPsPrCfP°P·PSPµPSPSCl
CfP»PëP·PsPIPsC— PsP±PsP»PsSPePë PIPµCfC...PSC-C... PIC-PrPrC-P»C-PI
C€P»CfPSPePsPIPs-PePëC€PePsPIPsPiPs C,CfP°PeC,Cf.

PJ P·PIb[™] ClP·PeCf P· PIPeP°P·P°PSPëPjPë PjPsP¶P»PëPIPëPjPë PµC,,PµPeC,P°PjPë C,P°
PjPsP¶P»PëPIC-CfC,Cf PiPsPiC-CfC€PµPSPSCl PsCfPSPsPIPsPiPs
P·P°C...PIPsCfCfPIP°PSPSCl PSPµPsP±C...C-PrPSPs PIPëCfPIP»CfC,Pë
PsP±PµCfPµP¶PSC-CfC,CH PiCfPë P·P°CfC,PsCfCfPIP°PSPSC-
P»C-PeP°CfCfCHPePsPiPs P·P°CfPsP±Cf PiP°C†C-C"PSC,P°Pj P· P°PeC,PëPIPsPëPjPë
P·P°C...PIPsCfCfPIP°PSPSClPjPë PIPµCfC...PSC-C... PIC-PrPrC-P»C-PI
C€P»CfPSPePsPIPs-PePëC€PePsPIPsPiPs C,CfP°PeC,Cf (CfC,CfP°PIPsC...C-Pr
P'P°CfCfPµC,C,P°, PrPëCfC,,P°PiC-Cf, C-PSC€C- C...PIPsCfPsP±Pë
CfC,CfP°PIPsC...PsPrCf, PiP°CfC,CfPëC,, PrCfPsPrPµPSC-C, P°P±Ps PIPëCfP°P·PePë).
PµCfPë P·P°CfC,PsCfCfPIP°PSPSC- PiPµCfPsCfP°P»CHPSPëC...
P±C-CfC,,PsCfC,,PsPSP°C,C-PI PiPsPIC-PrPsPjP»CfP»PsCfCf PiCfPs PIPëPiP°PrPePë
C,P°PePëC... PiPsP±C-C†PSPëC... CfPµP°PeC†C-PNë ClPe PµP·PsC,,P°PiC-C,,
PIPëCfP°P·PePë CfC,CfP°PIPsC...PsPrCf, PµCfPsP·C-C— CfC,CfP°PIPsC...PsPrCf,
ClPeC- PI PrPµClPePëC... PIPëPiP°PrPeP°C... P±CfP»Pë C,ClP¶PePëPjPë C-
PiPsC,CfPµP±CfPIP°P»Pë PiPsCfPiC-C,P°P»C-P·P°C†C-C—, CfC-PrPePs b^h“ P·
PeCfPsPIPsC,PµC†PµCf P°P±Ps P· PiPsPrP°P»CHC€PëPj CfPsP·PIPëC,PePsPj
CfC,CfPëPeC,CfCfPë C†Pë PiPµCfC,,PsCfP°C†C-C—. P PëP·PëPe CfPsP·PIPëC,PeCf
C,ClP¶PePëC... PiPsP±C-C†PSPëC... CfPµP°PeC†C-PNë P· P±PsPeCf
CfC,CfP°PIPsC...PsPrCf PIPëC%PëPNë Cf PiP°C†C-C"PSC,C-PI, ClPeC- PSPµ
PIPëPePsPSCfCfC,CH CfPµPePsPjPµPSPrP°C†C-C— C%PsPrPs PrPsP·CfPIP°PSPSCl
C-/P°P±Ps PI PsCfC-P±, ClPeC- PiCfPsPrPsPIP¶CfCfC,CH PiCfPëPNëPjP°C,Pë
P±C-CfC,,PsCfC,,PsPSP°C,Pë PiPµCfPsCfP°P»CHPSPs PiC-CfP»Cf CfPsP·PIPëC,PeCf
CfPëPjPiC,PsPjC-PI, C%Ps CfPIC-PrC†P°C,CH PiCfPs PiPsPrCfP°P·PSPµPSPSCl
CfC,CfP°PIPsC...PsPrCf. PÿPsPjCf PiP°C†C-C"PSC,Pë PiPsPIPëPSPSC- P·PIPµCfC,P°C,Pë
PsCfPsP±P»PëPICf CfPIP°PiCf PSP° PrPsC,CfPëPjP°PSPSCl
CfPµPePsPjPµPSPrP°C†C-PNë C%PsPrPs PrPsP·CfPIP°PSPSCl (PrPëPI. CfPsP·PrC-P»
B«PÿPiPsCfC-P± P·P°CfC,PsCfCfPIP°PSPSCl C,P° PrPsP·PëB»).

P»C-PeP°CfCfPj CfP»C-Pr P±CfC,Pë CfPIP°P¶PSPëPjPë C%PsPrPs CfPëPjPiC,PsPjC-PI,
C%Ps CfPIC-PrC†P°C,CH PiCfPs PjPsP¶P»PëPICf CfPµP°PeC†C-Cf P· P±PsPeCf
CfC,CfP°PIPsC...PsPrCf, C,P° C-PSC,,PsCfPjCfPIP°C,Pë PiP°C†C-C"PSC,C-PI PiCfPs
PiCfPëPiPëPSPµPSPSCl PiCfPëPNëPsPjCf P»C-PeP°CfCfCHPePsPiPs P·P°CfPsP±Cf C,P°
PSPµPsP±C...C-PrPSC-CfC,CH P·PIPµCfPSCfC,PëCfCf PrPs P»C-PeP°CfCf PiCfPë
PiPsCfPIC- PrPëCfC,,P°PiC-C—, P±PsP»Cf PiCfPë PePsPIC,P°PSPSC-, P±PsP»Cf P·P°

PiCḡCfPrPSPëPSPsCḡ, PīPsCḡPIC- PīPμC†C-C— P°P±Ps PīPsCḡPëP»PμPSPSC- PīPμC†C-C—. PḡPsc†P° Cḡ PePsPSC,CḡPsP»CHḡPsPIP°PSPëC... PeP»C-PSC-C†PSPëC... PrPsCḡP»C-PrPḡPμPSPSCḡC... PSPμ CḡPīPsCḡC,PμCḡC-PiP°P»PsCḡCḡ P·P±C-P»CHḡCëPμPSPSCḡ CḡPëP·PëPeCḡ, PiCḡPë PiPsCḡC,PjP°CḡPePμC,PëPSPiPsPIPsPjCḡ P·P°CḡC,PsCḡCḡPIP°PSPSC- PīPμCḡPsCḡP°P»CHḡPSPëC... P±C-CḡC,,PsCḡC,,PsPSP°C,C-PI P±CḡP»Pë P·P°C,,C-PeCḡPsPIP°PSC- PIPëPīP°PrPePë PIPëCḡP°P·PsPe CëP»CḡPSPeP° C- PrPIP°PSP°PrC†CḡC,PëPīP°P»PsC— PePëCëPePë. P”PμCḡPeC- P· PSPëC... P±CḡP»Pë C,CḡPḡPePëPjPë C,P° P· CḡCḡPeP»P°PrPSPμPSPSCḡPjPë. PhCḡPeC-P»CHḡPePë (PḡPμP—P—) C- P±C-CḡC,,PsCḡC,,PsPSP°C,Pë PjPsPḡCḡC,CHḡ CḡPīCḡPëC†PëPSCḡC,Pë PīPsPrCḡP°P·PSPμPSPSCḡ CëP»CḡPSPePsPIPs-PePëCëPePsPIPsPiPs C,CḡP°PeC,Cḡ, PSPμPsP±C...C-PrPSPs P· PsP±PμCḡPμPḡPSC-CḡC,Cḡ P·P°CḡC,PsCḡPsPICḡPIP°C,Pë PḡPμP—P— PsPrPSPsC†P°CḡPSPs P· P»C-PeP°CḡCḡCHḡPePëPj P·P°CḡPsP±PsPj.

PhCḡC,PμPsPSPμPeCḡPsP· C%PμP»PμPīPSPëC... PeC-CḡC,PsPe

PhCḡC,PμPsPSPμPeCḡPsP· C%PμP»PμPīPSPëC... PeC-CḡC,PsPe CḡPīPsCḡC,PμCḡC-PiP°PICḡCḡ PrCḡPḡPμ CḡC-PrPePs PiC-Pr C†P°Cḡ PīPsCḡC,PjP°CḡPePμC,PëPSPiPsPIPsPiPs P·P°CḡC,PsCḡCḡPIP°PSPSCḡ Cḡ PiP°C†C-C”PSC,C-PI, CḡPeC- PsC,CḡPëPjCḡPIP°P»Pë P»C-PeP°CḡCḡCHḡPePëPḡ P·P°CḡC-P± P· PiCḡPëPIPsPrCḡ PsCḡC,PμPsPīPsCḡPsP·Cḡ (PrPëPI. CḡPsP·PrC-P» B«PμPsP±C-C†PSC- CḡPμP°PeC†C-C—B»).

PμPsC†P°C,PsPe P»C-PeCḡPIP°PSPSCḡ P°P±Ps PSPsPIPsPiPs PeCḡCḡCḡCḡ P»C-PeCḡPIP°PSPSCḡ CḡP»C-Pr PIC-PrC,PμCḡPjC-PSCḡPIP°C,Pë PrP»Cḡ PīP°C†C-C”PSC,C-PI C-P· PSPμP·P°PiPsC”PSPëPjPë PIC-PrPeCḡPëC,PëPjPë CḡCëPePsPrPḡPμPSPSCḡPjPë Pjḡḡ™ CḡPePëC... C,PeP°PSPëPS CḡPsC,PsPIPsC— PīPsCḡPsPḡPSPëPSPë.

PμPμCḡPμPr PīPsC†P°C,PePsPj P»C-PeCḡPIP°PSPSCḡ PīP°C†C-C”PSC,P°Pj C-P· CḡCḡPiCḡC,PSC-PjPë C,,P°PeC,PsCḡP°PjPë CḡPëP·PëPeCḡ CḡPμPePsPjPμPSPPrCḡC”C,CHḡCḡCḡ PīCḡPsPḡC,Pë CḡC,PsPjP°C,PsP»PsPiC-C†PSPμ PsP±CḡC,PμPḡPμPSPSCḡ P· PIC-PrPīPsPIC-PrPSPëPj PīCḡPsC,,C-P»P°PeC,PëC†PSPëPj PIC,CḡCḡC†P°PSPSCḡPj C,P° C-PSPPrPëPIC-PrCḡP°P»CHḡPSPsCḡ PsC†C-PSPePsCḡ CḡPiC-PIPIC-PrPSPsCëPμPSPSCḡ PePsCḡPëCḡC,C--CḡPëP·PëPeCḡ.

PhC†C-PSCḡCḡC†Pë CḡPëP·PëPe PIPëPSPëPePSPμPSPSCḡ PsCḡC,PμPsPSPμPeCḡPsP·Cḡ C%PμP»PμPīPSPëC... PeC-CḡC,PsPe Cḡ PīP°C†C-C”PSC,P°, CḡP»C-Pr P±CḡP°C,Pë PrPs CḡPIP°PiPë C,P°PeC- C,,P°PeC,PsCḡPë CḡPëP·PëPeCḡ:

- PhPeC,PëPIPSC-CḡC,CHḡ P»C-PeP°CḡCḡCHḡPePsPiPs P·P°CḡPsP±Cḡ, CḡPePëPḡ PīCḡPëPiPSC-C†CḡC” PeC-CḡC,PePsPICḡ CḡPμP·PsCḡP±C†C-Cḡ (CḡPëP·PëPe PIPëC%PëPḡ Cḡ CḡP°P·C- P·P°CḡC,PsCḡCḡPIP°PSPSCḡ CḡPīPsP»CḡPe P· PIPëCḡPsPePsCḡ P°PeC,PëPIPSC-CḡC,Cḡ), CḡPīPsCḡC-P± PIPIPμPrPμPSPSCḡ (CḡPëP·PëPe PIPëC%PëPḡ PīCḡPë PīP°CḡPμPSC,PμCḡP°P»CHḡPSPsPjCḡ PIPIPμPrPμPSPSC-) C- PeCḡPjCḡP»CḡC,PëPIPSP° PrPsP·P° PeC-CḡC,PePsPIPs-CḡPμP·PsCḡP±C†C-PḡPSPsC— C,PμCḡP°PiC-C—.

- P—P»PsCḡPeC-CḡPSC- PSPsPIPsCḡC,PIPsCḡPμPSPSCḡ, CḡCḡPiCḡC,PSC- PīP°C,PsP»PsPiC-C†PSC- CḡC,P°PSPë (P·PsPeCḡPμPjP°, P°PSPμPjC-Cḡ, PePsP°PiCḡP»PsPīP°C,C-C—, C-PSC,,PμPeC†C-Cḡ),C,CḡC,CḡPSPsPīP°P»C-PSPSCḡ.

- PḡCḡPiCḡC,PSC” P»C-PeCḡPIP°PSPSCḡ: PePsCḡC,PëPePsCḡC,PμCḡPsC—PrPë, C...C-PjC-PsC,PμCḡP°PiC-Cḡ, C-PSPiC-P±C-C,PsCḡPë P°PSPiC-PsPiPμPSPμP·Cḡ, PīCḡPsPjPμPSPμPIP° C,PμCḡP°PiC-Cḡ PrC-P»CḡPSPePë PiPsP»PsPIPë C,P° CëPëC—.

- PќPµPSP°P»PµP¶PSP° PiC-PiC-C"°PSP° CђPсC,PsPIPsC— PіPsCђPсP¶PSPёPSPё,
P·P°C...PIPsCђCђPIP°PSPSCЏ PіPµCђC-PsPrPsPSC,P°, PіPsPiP°PSPs PiC-PrC-P±CђP°PSC-
P·CfP±PSC- PіCђPсC,PµP·Pё, P·P°C...PIPsCђCђPIP°PSPSCЏ P·CfP±C-PI PI P°PSP°PjPSPµP·C-,
C-PSPIP°P·PёPIPsC- CђC,PsPjP°C,PsP»PsPiC-CђPSC- PIC,CђCfCђP°PSPSCЏ,
PSP°PiCђPёPeP»P°Pr PIPёPrP°P»PµPSPSCЏ P·CfP±C-PI.

PµC-Pr CђP°Cђ P»C-PeCfPIP°PSPSCЏ CfCђC-Pj PіP°C†C-C"°PSC,P°Pj CђP»C-Pr
PrPsC,CђPёPjCfPIP°C,PёCђCЏ PSP°P»PµP¶PSPсC— PiC-PiC-C"°PSPё CђPсC,PsPIPsC—
PіPsCђPсP¶PSPёPSPё, PіCђPсC...PsPrPёC,Pё CђPµPiCfP»CЏCђPSC- PsPiP»CЏPrPё Cf
CђC,PsPjP°C,PsP»PsPiP° C- PSPµPiP°P№PSPs PіPsPIC-PrPsPjP»CЏC,Pё PіCђPs
P±CfPrCђ-CЏPeC- CђPёPjPiC,PsPjPё P· P±PsPeCf CђPсC,PsPIPsC—
PіPsCђPсP¶PSPёPSPё, C,P°PeC- CЏPe CђCfC...P»PёPIC-CђC,Cђ P·CfP±C-PI,
P±C-P»Cђ CђPё PSP°P±CђCЏPe, PSPµP·P°PiPsP№PSC- PIPёCђP°P·PePё P°P±Ps
PIPёPrC-P»PµPSPSCЏ. PµC-Pr CђP°Cђ P»C-PeCfPIP°PSPSCЏ C-PSPIP°P·PёPIPsC-
CђC,PsPjP°C,PsP»PsPiC-CђPSC- PIC,CђCfCђP°PSPSCЏ CђP»C-Pr PіCђPsPIPsPrPёC,Pё
P»PёCёPµ PiC-CђP»CЏ CђPµC,PµP»CђPSPsPiPs CђPsP·PiP»CЏPrCf: C—C... CђP»C-Pr
CfPSPёPeP°C,Pё PiC-Pr CђP°Cђ C- PSP°P№P±P»PёP¶CђPёPj CђP°CђPsPj PiC-CђP»CЏ
P·P°CђC,PsCђCfPIP°PSPSCЏ P»C-PeP°CђCђPePsPiPs P·P°CђPsP±Cf.

PµP»P°PS PIPµPrPµPSPSCЏ PіP°C†C-C"°PSC,C-PI, Cf CЏPePёC... CђPsP·PIPёPSCfPICђCЏ
PsCђC,PµPsPSPµPeCђPsP· C°PµP»PµPiPSPёC... PeC-CђC,PsPe, PjP°C" P±CfC,Pё
CђPsP·CђPsP±P»PµPSPёP№ PI CfPjPsPIP°C... C,C-CђPSPсC— CђPiC-PIPiCђP°C†C-
P»C-PeP°CђCЏ P·C- CђC,PsPjP°C,PsP»PsPiPsPj P°P±Ps C°PµP»PµPiPSPs-P»PёC†CђPsPIPёPj
C...C-CђCfCђPiPsPj, CЏPePёP№ PjP°C" PrPsCђPIC-Pr P»C-PeCfPIP°PSPSCЏ
PsCђC,PµPsPSPµPeCђPsP·Cf C°PµP»PµPiPSPёC... PeC-CђC,PsPe. PђP»C-Pr
CђPsP·PiP»CЏPSCfC,Pё PіPёC,P°PSPSCЏ PіCђPs C,PёPjCђP°CђPsPIPµ
PіPµCђPµCђPёPIP°PSPSCЏ PіCђPёP№PsPjCf P»C-PeP°CђCђPePsPiPs P·P°CђPsP±Cf PrPs
PіPsPeCђP°C°PµPSPSCЏ CђC,P°PSCf C- P·PjPµPSCёPµPSPSCЏ CђCfPiCfC,PSC-C...
C,,P°PeC,PsCђC-PI CђPёP·PёPeCf.

OCђC,PµPsPSPµPeCђPsP· P·PsPIPsC-CёPSCђPsPiPs CђP»CfC...PsPIPsPiPs
PіCђPsC...PsPrCf

PµCђPё P·P°CђC,PsCђCfPIP°PSPSC- P±C-CђC,,PsCђC,,PsPSP°C,C-PI
PіPsPIC-PrPsPjP»CЏP»PsCђCђ PіCђPs PsCђC,PµPsPSPµPeCђPsP· P·PsPIPsC-CёPSCђPsPiPs
CђP»CfC...PsPIPsPiPs PіCђPsC...PsPrCf, CЏPePёP№ PIPёPSPёPeP°PI PіPµCђPµPIP°P¶PSPs Cf
P·Piбђ™ CЏP·PeCf P· C,CђPёPIP°P»PsCђ C,PµCђP°PiC-C"°Cђ. P"Ps C,,P°PeC,PsCђC-PI
CђPёP·PёPeCf PIPёPSPёPePSPµPSPSCЏ PsCђC,PµPsPSPµPeCђPsP·Cf P·PsPIPsC-CёPSCђPsPiPs
CђP»CfC...PsPIPsPiPs PіCђPsC...PsPrCf PSP°P»PµP¶P°C,Cђ P·P°CђC,PsCђCfPIP°PSPSCЏ
CђC,PµCђPsC—PrPSPёC... PіPsCђPjPsPSC-PI C- C...C-PjC-PсC,PµCђP°PiC-C— C,P°/P°P±Ps
PjC-CђC†PµPIC- C,,P°PeC,PsCђPё CђPёP·PёPeCf, C,P°PeC- CЏPe C-PSC,,PµPeC†C-CЏ P°P±Ps
C,CђP°PIPjP°. P†PjPsPIC-CђPSC-CђC,Cђ PIPёPSPёPePSPµPSPSCЏ PsCђC,PµPsPSPµPeCђPsP·Cf
P·PsPIPsC-CёPSCђPsPiPs CђP»CfC...PsPIPsPiPs PіCђPsC...PsPrCf CђP»C-Pr
PICђP°C...PsPICfPIP°C,Pё Cf PіP°C†C-C"°PSC,C-PI, CЏPeC- PsC,CђPёPjCfCђC,Cђ
P±C-CђC,,PsCђC,,PsPSP°C,Pё C- Cf CЏPePёC... PSP°CЏPIPsC- CђPёPjPiC,PsPjPё P· P±PsPeCf
PICfC...P°, PIPёP»CђCђP°CђCђPё C...CђPsPSC-CђPSC- C-PSC,,PµPeC†C-C— PICfC...P°.

PђC,PёPіPsPIC- PіPµCђPµP»PsPjPё CђC,PµPiPSP°

PђC,PёPіPsPIPёP№ PiC-PrPIPµCђC,PµP»CђPSPёP№ C,P° PrC-P°C,,C-P·P°CђPSPёP№

PīPμCḡPμP»PsPj CÍC,PμPiPSPsPIPsC— PeC-CÍC,PePë PIC-PrP·PSP°C‡P°PICÍCΠ PíCḡPë
 P»C-PeCÍPIP°PSPSC- P±C-CÍC,,PsCÍC,,PsPSP°C,P°PjPë, PSP°CÍP°PjPīPμCḡPμPr CÍ
 PīP°C‡C-C”PSC,C-PI, CΠPeC- PíCḡPsC,CΠPiPsPj C,CḡPëPIP°P»PsPiPs C‡P°CÍCÍ
 P»C-PeCÍPIP°P»Pë PsCÍC,PμPsPīPsCḡPsP· PíC- PīPsPīPμCḡPμC‡PSC- P°P±Ps PePsCḡPsC,PeC-
 PePsCÍC- PīPμCḡPμP»PsPjPë PjPsP¶CÍC,CH CÍC,P°C,PëCÍCΠ CÍ P±CÍPrCH-CΠPePsPjCÍ
 PjC-CÍC‡C- PIP·PrPsPIP¶ CÍC,PμPiPSP° Bḡ“ PIC-Pr C,CḡPsC...Pë PSPëP¶C‡Pμ PjP°P»PsPiPs
 PIPμCḡC,P»CḡPiP° CÍC,PμPiPSPsPIPsC— PeC-CÍC,PePë PrPs C,CḡPsC...Pë PIPëC%Pμ
 PSP°PrPIPëCḡPsCÍC,PePsPIPsPiPs PíC-PrPIPëC%PμPSPSCΠ. PíC- PīPμCḡPμP»PsPjPë
 PIPëPSPëPeP°CḡC,CH PíC-CÍP»CΠ PjC-PSC-PjP°P»CHPSPsC— C,CḡP°PIPjPë P°P±Ps PíCḡPë
 PIC-PrCÍCÍC,PSPsCÍC,C- C,CḡP°PIPjPë, C- PrPμCΠPeC- PīP°C‡C-C”PSC,Pë
 PIC-PrC‡CÍPIP°CḡC,CH P±C-P»CH CÍ PrC-P»CΠPSC‡C- CÍC,PμPiPSP° P°P±Ps
 PīP°C...PsPIPëP№ P±C-P»CH, C%Ps C‡P°CÍC,Ps P°CÍPsC‡C-CḡC”C,CHCÍCΠ P·
 C...P°CḡP°PeC,PμCḡPSPëPjPë CḡPëCÍP°PjPë CÍC,CḡPμCÍPsPIPsPiPs PīPμCḡPμP»PsPjCÍ
 PIPíCḡPsPrPsPIP¶ PIC-Pr PeC-P»CHPePsC... C,PëP¶PSC-PI PrPs PeC-P»CHPePsC...
 PjC-CÍCΠC‡C-PI, PīPμCḡC€ PSC-P¶ PīPμCḡPμP»PsPj PíCḡPsCΠPIPëC,CHCÍCΠ CÍ
 PIPëPiP»CΠPrC- PīPsPIPSPsPiPs PīPμCḡPμP»PsPjCÍ CÍC,PμPiPSPsPIPsC— PeC-CÍC,PePë.
 PμPμCḡPμP»PsPjPë C‡P°CÍC,Ps PrPIPSP±C-C‡PSC-, C,PsPjCÍ CÍP»C-Pr C,P°PePsP¶
 PsPiP»CΠPSCÍC,Pë C-PSC€Pμ CÍC,PμPiPSPs CÍ PīP°C‡C-C”PSC,C-PI, CΠPeC-
 PsC,CḡPëPjCÍCḡC,CH P»C-PeCÍPIP°PSPSCΠ P±C-CÍC,,PsCÍC,,PsPSP°C,P°PjPë, CÍ CΠPePëC...
 PIPëPSPëPe PrC-P°C,,C-P·P°CḡPSPëP№ PīPμCḡPμP»PsPj CÍC,PμPiPSPsPIPsC— PeC-CÍC,PePë.
 PŷP°PePsP¶ PīPsPIC-PrPsPjP»CΠP»PsCÍCH PíCḡPs PīPsPiP°PSPμ P·P°PiPsC”PSPSCΠ C‡PëC...
 PīPμCḡPμP»PsPjC-PI. PμPsPePë PSPμ P·P°PeC-PSC‡PëC,CHCÍCΠ PsC‡C-PSPeP° CÍC,P°PSCÍ
 PīP°C‡C-C”PSC,P°, PICḡP°C...PsPICÍCḡC‡Pë C-PSPPrPëPIC-PrCÍP°P»CHPSCÍ PsC‡C-PSPeCÍ
 PePsCḡPëCÍC,C- C,P° CḡPëP·PëPeCÍ, PSPμPsP±C...C-PrPSPs CḡPsP·PiP»CΠPSCÍC,Pë
 PīPëC,P°PSPSCΠ PíCḡPs PíCḡPëPīPëPSPμPSPSCΠ P·P°CÍC,PsCÍCÍPIP°PSPSCΠ
 P±C-CÍC,,PsCÍC,,PsPSP°C,C-PI PīP°C‡C-C”PSC,P°Pj C-P· PíC-PrPsP·CḡCḡPIP°PSPëPjPë
 P°C,PëPīPsPIPëPjPë PīPμCḡPμP»PsPjP°PjPë CÍC,PμPiPSPsPIPsC— PeC-CÍC,PePë PSP° C‡PμP№
 C‡P°CÍ.

PμC-Pr C‡P°CÍ P»C-PeCÍPIP°PSPSCΠ P±C-CÍC,,PsCÍC,,PsPSP°C,P°PjPë PīP°C‡C-C”PSC,P°Pj
 CÍP»C-Pr CḡPμPePsPjPμPSPPrCÍPIP°C,Pë PīPsPIC-PrPsPjP»CΠC,Pë PíCḡPs P±C-P»CH CÍ
 PrC-P»CΠPSC‡C- CÍC,PμPiPSP°, C,P°P·PsCÍC,PμPiPSPsPIPsPiPs CÍCÍPiP»PsP±P° P°P±Ps PíCḡPs
 PīP°C...PsPIPëP№ P±C-P»CH; PICÍC- PīP°C‡C-C”PSC,Pë P· C,P°PePëPjPë CÍPëPjPíC,PsPjP°PjPë
 PīPsPIPëPSPSC- P±CÍC,Pë PsP±CÍC,PμP¶PμPSC- C%PsPrPs PSPμPīPsPIPSPsPiPs
 PīPμCḡPμP»PsPjCÍ CÍC,PμPiPSPsPIPsC— PeC-CÍC,PePë (PrPëPI. CḡPsP·PrC-P»
 B«PμPsP±C-C‡PSC- CḡPμP°PeC‡C-C-B»).

PḡC,PëPīPsPIC- PīPμCḡPμP»PsPjPë C-PSC€PëC... PrPsPIPiPëC... PeC-CÍC,PsPe

PḡC,PëPīPsPIC- PīPμCḡPμP»PsPjPë C-PSC€PëC... PrPsPIPiPëC... PeC-CÍC,PsPe C,P°PePëC...,
 CΠPe P»C-PeC,CHPsPIP° C,P° PIPμP»PëPePsPiPsPjC-P»PePsPIP° PeC-CÍC,PeP°, P±CÍP»Pë
 P·P°CḡPμC”CÍC,CḡPsPIP°PSC- CÍ PīP°C‡C-C”PSC,C-PI, CΠPeC- PsC,CḡPëPjCÍCḡC,CH
 C,CḡPëPIP°P»Pμ P»C-PeCÍPIP°PSPSCΠ P±C-CÍC,,PsCÍC,,PsPSP°C,P°PjPë. PīPe C- CÍ
 PIPëPīP°PrPeCÍ P· P°C,PëPīPsPIPëPjPë PīPμCḡPμP»PsPjP°PjPë CÍC,PμPiPSPsPIPsC—
 PeC-CÍC,PePë, C‡C- PīPμCḡPμP»PsPjPë PjPsP¶CÍC,CH PIPëPSPëPeP°C,Pë PíC-CÍP»CΠ
 PSPμP·PSP°C‡PSPsC— C,CḡP°PIPjPë P°P±Ps P±PμP· PSPμC—, P° PrPμCΠPeC- PīP°C‡C-C”PSC,Pë
 PIC-PrC‡CÍPIP°CḡC,CH PíCḡPsPrCḡPsPjP°P»CHPSPëP№ P±C-P»CH PrPs C,PsPiPs, PīPμCḡC€
 PSC-P¶ PīPμCḡPμP»PsPj PíCḡPsCΠPIPëC,CHCÍCΠ CÍ PIPëPiP»CΠPrC- PīPsPIPSPsPiPs
 PīPμCḡPμP»PsPjCÍ CÍC,PμPiPSPsPIPsC— PeC-CÍC,PePë. PJ PIPëPīP°PrPeP°C...
 PīPμCḡPμP»PsPjCÍ P»C-PeC,CHPsPIPsC— PeC-CÍC,PePë C‡Pμ PjPsP¶Pμ P±CÍC,Pë
 PīPsPI'CΠP·P°PSPs P· PīPsPIC,PsCḡCḡPIP°PSPëPj PSP°PIP°PSC,P°P¶PμPSPSCΠPjPë, CΠPePμ

PIPëPSPëPeP°C” C#PµCḡPµP· PrPsPIPiPsC,CḡPëPIP°P»Pµ PIPëPePsCḡPëCḡC,P°PSPSCḡ
PrPsPiPsPjC-PḡPSPëC... P·P°CḡPsP±C-PI PrP»Cḡ C...PsPrCHP±Pë (PrPëPI. CḡPsP·PrC-P»
B«PµPsP±C-C#PSC- CḡPµP°PeCḡC-C-B»).

PḡPëCḡPePsPIP° PSPµPrPsCḡC,P°C,PSC-CḡC,CH

PḡPµCḡPµP· PsP±PjPµPḡPµPSPëPNḡ PeP»C-PSC-C#PSPëPNḡ PrPsCḡPIC-Pr PSPµ
CḡPµPePsPjPµPSPPrPsPIP°PSPs P·P°CḡC,PsCḡPsPICḡPIP°C,Pë P»C-PeP°CḡCḡCHPePëPNḡ
P·P°CḡC-P± PiP°CḡC-C”PSC,P°Pj, Cḡ CḡPePëC... PeP»C-CḡPµPSCḡ PeCḡPµP°C,PëPSC-PSCḡ
CḡC,P°PSPsPIPëC,CH PjPµPSCëPµ 30 PjP»/C...PI (PrPëPI. CḡPsP·PrC-P»
B«PαP°CḡPjP°PePsPeC-PSPµC,PëPeP°B»).

P’P°PḡP»PëPIP° C-PSC,,PsCḡPjP°CḡC-Cḡ PiCḡPs PrPsPiPsPjC-PḡPSC- CḡPµC#PsPIPëPSPë

P>P°PeC,PsP·P°

Pj CḡP°P·C- PICḡC,P°PSPsPIP»PµPSPSCḡ PSPµPiPµCḡPµPSPsCḡPëPjPsCḡC,C- PrPµCḡPePëC...
CḡCḡPeCḡC-PI PSPµPsP±C...C-PrPSPs PiCḡPsPePsPSCḡCḡP»CHC,CḡPIP°C,PëCḡCḡ P·
P»C-PeP°CḡPµPj, PiPµCḡCë PSC-Pḡ PiCḡPëPNḡPjP°C,Pë CḡPµPNḡ P»C-PeP°CḡCḡCHPePëPNḡ
P·P°CḡC-P±.

*PjC,PëP»C-P·P°CḡC-Cḡ PSPµPIPëPePsCḡPëCḡC,P°PSPsPiPs P°P±Ps
PiCḡPsC,PµCḡPjC-PSPsPIP°PSPsPiPs P»C-PeP°CḡCḡCHPePsPiPs P·P°CḡPsP±Cḡ*

B PḡP°PrC...PsPrPḡPµPSPSCḡ P»C-PeP°CḡCḡCHPePsPiPs P·P°CḡPsP±Cḡ Cḡ P·PsPIPSC-CëPSC”
CḡPµCḡPµPrPsPIPëC%oPµ PSPµPsP±C...C-PrPSPs P·PIPµCḡC,Pë PrPs PjC-PSC-PjCḡPjCḡ.
P>C-PeP°CḡCḡCHPePëPNḡ P·P°CḡC-P± PSPµ CḡP»C-Pr PIPëPePëPrP°C,Pë Cḡ CḡC,C-C#PSC-
PIPsPrPë C- PiPsP±CḡC,PsPIC- PIC-PrC...PsPrPë. P”P»Cḡ CḡC,PëP»C-P·P°CḡC-C—
PSPµPsP±C...C-PrPSPs PIPëPePsCḡPëCḡC,PsPICḡPIP°C,Pë C,P°Pe P·PIP°PSCḡ B«CḡPëCḡC,PµPjCḡ
P·P±PsCḡCḡ PIC-PrC...PsPrC-PIB» PiCḡPë PSP°CḡPIPSsCḡC,C- C,P°PePsC—.

***P—P°CḡC,PsCḡCḡPIP°PSPSCḡ Cḡ PiPµCḡC-PsPr PIP°PiC-C,PSPsCḡC,C- P°P±Ps
PiPsPrCḡPIP°PSPSCḡ PiCḡCḡPrPrCḡ***

P’P°PiC-C,PSC-CḡC,CH. P>C-PeP°CḡCḡCHPePëPNḡ P·P°CḡC-P± PiCḡPëP·PSP°C#PµPSPëPNḡ
PrP»Cḡ P·P°CḡC,PsCḡCḡPIP°PSPSCḡ P»PëCëPµ PḡC-PSPeP°Pj Cḡ PiPsCḡC,PjPµPSPsPiP°CḡP·C-.
PḡPµ CḡP»C-Pr P·P°CḡC,PsCḡPsPICḡPIP°C,Pë PNḡPsPiPs PḡC-PSPeP°Pj
CḡPµPiCḡPsPrCḡPeC,PëPIPSsPiPs PIC-PeCḡ. PḡPµPjP°C” PSP°P»PµPḡPSPëC... PrP°PSPëC...
C%oPsPrPs P·P°CḡC,PsCḡCḡPIP°PSPSCḡ C-P±P°PSPPrCḡPsPSPsPIPsC— PePëCḡP»PsC,Pë
PIP°PiC-C,PSPëPj PḡC-PSPeP°Pj. Pj PrPsCḡP»C-PrPḡPµPSPSCḡC... PSP° C%oCḡCḡP°C...
CḡPiPsCḡC,PµCḡC-PiP°P»P°CḡCḡ PiPµPIPSP° CḡPµPiCḡPsPrCḡPeC,PëPIPSP°
C,PsPeCḡPëC#PSC-CḡC,CH (PrPëPI. CḡPsP·PrC-P» B«P”PsPeP»C-PSC-C#PSC-
PrPsCḡP»C-PrPḡPµPSPSCḡB»). PµPsC,PµPSCḡC-PNḡPSPëPNḡ CḡPëP·PëPe PrP»Cḡ P»CḡPrPëPSPë
PSPµPIC-PrPsPjPëPNḡ. P>C-PeP°CḡCḡCHPePëPNḡ P·P°CḡC-P± PSPµ CḡP»C-Pr
P·P°CḡC,PsCḡPsPICḡPIP°C,Pë Cḡ PiPµCḡC-PsPr PIP°PiC-C,PSPsCḡC,C-.

PµPµCḡC-PsPr PiPsPrCḡPIP°PSPSCḡ PiCḡCḡPrPrCḡ. PḡPµPIC-PrPsPjPs, C#Pë
PiCḡPsPSPëPeP°C” C-P±P°PSPPrCḡPsPSPsPIP° PePëCḡP»PsC,P° Cḡ PiCḡCḡPrPSPµ PjPsP»PsPePs.
P”PsCḡP»C-PrPḡPµPSPSCḡ Cḡ P»P°PeC,CḡCḡC#PëC... C%oCḡCḡC-PI
PiCḡPsPrPµPjPsPSCḡC,CḡCḡPIP°P»Pë PSP°CḡPIPSsCḡC,CH PSPëP·CHPePëC... CḡC-PIPSsC-PI

C-P±P°PSPPrCḡPsPSPsPIPsC— PePëCÍP»PsC,Pë Cr PjPsP»PsC†C- PíC-CÍP»CÍ
PIPSCrC,CḡC-CëPSCḡPsPIPµPSPSPsPiPs PIPIPµPrPµPSPSCÍ. P>C-PeP°CḡCÍCHPePëPNë
P·P°CÍC-P± PSPµ CÍP»C-Pr P·P°CÍC,PSCÍPsPICrPIP°C,Pë Cr PíPµCḡC-PsPr
PiPsPrCÍPIP°PSPSCÍ PiCḡCÍPrPrCḡ.

PµPµCḡC,PëP»CHPSC-CÍC,CH. PkPµPjP°C” PrP°PSPëC... C%PsPrPs PIPIP»PëPICr
C-P±P°PSPPrCḡPsPSPsPIPsC— PePëCÍP»PsC,Pë Cr P»CḡPrPëPSPë. PJ
CḡPµPíCḡPsPrCÍPeC,PëPIPSPëC... PrPsCÍP»C-PrP¶PµPSPSCÍC... Cr C%CrCḡC-PI PíCḡPë
PíPµCḡPsCḡP°P»CHPSPsPjCr PíCḡPëPNëPsPjC- C-P±P°PSPPrCḡPsPSPsPIP° PePëCÍP»PsC,P°
P·PSPëP¶CÍPIP°P»P° C„PµCḡC,PëP»CHPSC-CÍC,CH (PrPëPI. CḡPsP·PrC-P»
B«P”PsPeP»C-PSC-C†PSC- PrPsCÍP»C-PrP¶PµPSPSCÍB»).

***P—PrP°C,PSC-CÍC,CH PIPiP»PëPIP°C,Pë PSP° CëPIPëPrPeC-CÍC,CH CḡPµP°PeC†C-C—
PíCḡPë PePµCḡC¿PIP°PSPSC- P°PIC,PsC,CḡP°PSCÍPíPsCḡC,PsPj P°P±Ps C-PSCëPëPjPë
PjPµC...P°PSC-P·PjP°PjPë***

P— PsPiP»CÍPrCÍ PSP° PsCÍPsP±P»PëPIPsCÍC,C- C„P°CḡPjP°PePsPrPëPSP°PjC-PePë,
C„P°CḡPjP°PePsPeC-PSPµC,PëC†PSPëPNë PíCḡPsC„C-P»CH C- P·P°C„C-PeCÍPsPIP°PSC-
PíPsP±C-C†PSC- CḡPµP°PeC†C-C—, PsC†C-PeCÍC”C,CHCÍCÍ, C%Ps P»C-PeP°CḡCÍCHPePëPNë
P·P°CÍC-P± PSPµ PjP°C” P°P±Ps PjP°C” PSPµP·PSP°C†PSPëPNë PIPIP»PëPI PSP°
P·PrP°C,PSC-CÍC,CH PePµCḡCÍPIP°C,Pë P°PIC,PsC,CḡP°PSCÍPíPsCḡC,PsPj P°P±Ps
PíCḡP°C†CḡPIP°C,Pë P· C-PSCëPëPjPë PjPµC...P°PSC-P·PjP°PjPë.

PŸPíPsCÍC-P± P·P°CÍC,PsCÍC¿PIP°PSPSCÍ C,P° PrPsP·Pë

P”PsP·CÍPIP°PSPSCÍ

P”P»CÍ P»C-PeCÍPIP°PSPSCÍ PsCÍC,PµPsPíPsCḡPsP·CÍ CḡPµPePsPjPµPSPPrPsPIP°PSP° PrPsP·P°
P»C-PeP°CḡCÍCHPePsPiPs P·P°CÍPsP±CÍ Bḡ 1 C,P°P±P»PµC,PeP° 150 PjPi 1 CḡP°P· PSP°
PjC-CÍCÍC†CH, PíPµCḡPsCḡP°P»CHPSPs. PŸP°P±P»PµC,PePë CÍP»C-Pr PíCḡPëPNëPjP°C,Pë PI
PsPrPëPS C- C,PsPNë P¶Pµ PrPµPSCḡ C%PsPjC-CÍCÍC†PSPs. P>C-PeP°CḡCÍCHPePëPNë
P·P°CÍC-P± CÍP»C-Pr PíCḡPëPNëPjP°C,Pë PíC-CÍP»CÍ PSC-C†PSPsPiPs
PiPsP»PsPrCÍPIP°PSPSCÍ (C%PsPSP°PNëPjPµPSCëPµ 6 PiPsPrPëPS) C- P·P° 60 C...PIPëP»PëPS
PrPs PíPµCḡCëPsPiPs PIP¶PëPIP°PSPSCÍ C—P¶C- C†Pë CḡC-PrPëPSPë (PsPeCḡC-Pj PIPsPrPë)
PIPrPµPSCḡ (PrPëPI. CḡPsP·PrC-P» B«P’P·P°C”PjPsPrC-CÍ P· C-PSCëPëPjPë
P»C-PeP°CḡCÍCHPePëPjPë P·P°CÍPsP±P°PjPë C,P° C-PSCëC- PIPëPrPë PIP·P°C”PjPsPrC-PNëB»)
P°P±Ps C-PSCëPëC... PíPµCḡPsCḡP°P»CHPSPëC... P»C-PeP°CḡCÍCHPePëC... P·P°CÍPsP±C-PI
C†Pë PrPsP±P°PIPsPe (PIPeP»CḡC†P°CḡC†Pë PeP°P»CHC†C-PNë).

PµP°C†C-C”PSC,P° CÍP»C-Pr PíCḡPsC-PSC„PsCḡPjCÍPIP°C,Pë, C%Ps Cr PIPëPíP°PrPeCÍ,
CÍPeC%Ps C%PsPjC-CÍCÍC†PSP° PrPsP·P° P»C-PeP°CḡCÍCHPePsPiPs P·P°CÍPsP±CÍ
P±CÍP»P° PíCḡPsPíCÍC%PµPSP°, PíP°C†C-C”PSC,PsPIC- CÍP»C-Pr PsPrCḡP°P·CÍ, CÍPe
C,C-P»CHPePë P·PiP°PrP°C”, PíCḡPëPNëPSCÍC,Pë PSP°CÍC,CÍPíPSPsPiPs CḡP°PSPëCÍ 1
C,P°P±P»PµC,PeCÍ PíPs 150 PjPi, CÍPeC%Ps C,C-P»CHPePë PrPµPSCḡ PíCḡPëPNëPsPjCÍ
PSP°CÍC,CÍPíPSPsC— P·P°PíP»P°PSPsPIP°PSPsC— PrPsP·Pë PSPµ P·PSP°C...PsPrPëC,CHCÍCÍ Cr
PjPµP¶P°C... 7 PrPSC-PI. PkP°CÍC,CÍPíPSC- PrPsP·Pë P»C-PeP°CḡCÍCHPePsPiPs P·P°CÍPsP±CÍ
PíP°C†C-C”PSC,CÍ CÍP»C-Pr PíCḡPëPNëPjP°C,Pë Cr CḡP°PSC-CëPµ PICÍC,P°PSPsPIP»PµPSPëPNë
PrPµPSCḡ PjC-CÍCÍC†CÍ. PíPeC%Ps PrPµPSCḡ PíCḡPëPNëPsPjCÍ PSP°CÍC,CÍPíPSPsC—

P·P°PīP»P°PSPsPIP°PSPsC— PrPsP·Pē P·PSP°C...PsPrPēC,CHCfCfCf Cf PjPμP¶P°C... 7 PrPSC-PI, C,Ps CfP»C-Pr PīCfPSPiCfCfC,PēC,Pē PīCfPēPNēPsPj C- PSP°CfC,CfPīPSCf PrPsP·Cf PīCfPēPNēPjP°C,Pē Cf P·P°PīP»P°PSPsPIP°PSPēPNē PrPμPSCf PjC-CfCfCfCfCf C- PīCfPSPPrPsPIP¶CfPīP°C,Pē PīCfPēPNēPjP°C,Pē 1 C,P°P±P»PμC,PeCf PSP° PjC-CfCfCfCfCf Cf CfP°PSC-CēPμ PICfC,P°PSPsPIP»PμPSPēPNē PrPμPSCf PjC-CfCfCfCfCf. PkPμ CfP»C-Pr PīCfPēPNēPjP°C,Pē

2 C,P°P±P»PμC,PePē PīCfPSP,CfPīPsPj PsPrPSPsPiPs C,PēP¶PSCf. PμP°CfC-C°PSC,P°Pj CfP»C-Pr PIP¶PēPIP°C,Pē PrPsCfC,P°C,PSCf PeC-P»CHPeC-CfC,CH PeP°P»CHCfC-Cf C,P°/P°P±Ps PIC-C,P°PjC-PSCf D Cf CfP°P·C-, CfPeC%Ps PIP¶PēPIP°PSPSCf P· PīCfPSPPrCfPeC,P°PjPē C...P°CfCfCfPīP°PSPSCf C° PSPμP°PrPμPePIP°C,PSPēPj (PrPēPI. CfPSP·PrC-P»Pē B«P°P·C°PjPsPrC-Cf P· C-PSCēPēPjPē P»C-PeP°CfCfCHPePēPjPē P·P°CfPSP±P°PjPē C,P° C-PSCēC- PIPēPrPē PIP·P°C°PjPsPrC-PNēB», B«PhCfPsP±P»PēPIPSCfC,C- P·P°CfC,PsCfCfPīP°PSPSCfB»).

PhPīC,PēPjP°P»CHPSP° C,CfPēPIP°P»C-CfC,CH P»C-PeCfPīP°PSPSCf PsCfC,PμPsPīPsCfPSP·Cf P±C-CfC,,PsCfC,,PsPSP°C,P°PjPē PSPμ PICfC,P°PSPsPIP»PμPSP°. PμPēC,P°PSPSCf PīCfPSP PSPμPsP±C...C-PrPSC-CfC,CH PīCfPSPPrPsPIP¶PμPSPSCf P»C-PeCfPīP°PSPSCf CfP»C-Pr PīPμCfC-PsPrPēCfPSPs PīPμCfPμPīP»CfPPrP°C,Pē PrP»Cf PePsP¶PSPsPiPs PīP°CfC-C°PSC,P° PsPeCfPμPjPs, PICfP°C...PsPICfCfCfPē PePsCfPēCfC,CH C- PīPsC,PμPSCfC-PNēPSPēPNē CfPēP·PēPe PIC-Pr P·P°CfC,PsCfCfPīP°PSPSCf P»C-PeP°CfCfCHPePsPiPs P·P°CfPsP±Cf, P·PsPeCfPμPjP° CfPμCfPμP· 5 P°P±Ps P±C-P»CHCēPμ CfPSPeC-PI P·P°CfC,PsCfCfPīP°PSPSCf P»C-PeP°CfCfCHPePsPiPs P·P°CfPsP±Cf.

PŸPīPμCfC-P°P»CHPSC- PīCfCfPīPē PīP°CfC-C°PSC,C-PI

PμP°CfC-C°PSC,Pē P· PSPēCfPePsPIPsCf PSPμPrPsCfC,P°C,PSC-CfC,Cf. PšPμCfPμP· PsP±PjPμP¶PμPSPēPNē PeP»C-PSC-CfPSPēPNē PrPsCfPIC-Pr P»C-PeP°CfCfCHPePēPNē P·P°CfC-P± PSPμ CfPμPePsPjPμPSPPrCfC°C,CHCfCfCf PīP°CfC-C°PSC,P°Pj, Cf CfPePēC... PeP»C-CfPμPSCf PeCfPμP°C,PēPSC-PSCf PSPēP¶CfPμ 30 PjP»/C...PI (PrPēPI. CfPSP·PrC-P»Pē B«P°P°CfPjP°PePsPeC-PSPμC,PēPeP°B», B«PhCfPsP±P»PēPIPSCfC,C- P·P°CfC,PsCfCfPīP°PSPSCfB»). PμPsCfPμPeCfC-Cf PrPsP·Pē PSPμ PīPsC,CfC-P±PSP° PīP°CfC-C°PSC,P°Pj C-P· P»PμPīPePsCf P°P±Ps PīPsPjC-CfPSPsCf PSPēCfPePsPIPsCf PSPμPrPsCfC,P°C,PSC-CfC,Cf, CfPeC%Ps PeP»C-CfPμPSCf PeCfPμP°C,PēPSC-PSCf PrPsCfC-PIPSCfC° P°P±Ps PīPμCfPμPIPēC°CfC° 30 PjP»/C...PI.

PμP°CfC-C°PSC,Pē P· PīPμCfC-PSPePsPIPsCf PSPμPrPsCfC,P°C,PSC-CfC,Cf. PμPsCfPμPeCfC-Cf PrPsP·Pē PSPμ PīPsC,CfC-P±PSP° (PrPēPI. CfPSP·PrC-P» B«P°P°CfPjP°PePsPeC-PSPμC,PēPeP°B»).

PμP°CfC-C°PSC,Pē P»C-C,PSCHPsPiPs PIC-PeCé (> 65 CfPSPeC-PI). PμPsCfPμPeCfC-Cf PrPsP·Pē PSPμ PīPsC,CfC-P±PSP° (PrPēPI. CfPSP·PrC-P» B«P°P°CfPjP°PePsPeC-PSPμC,PēPeP°B»).

P°C-C,Pē. PkPμPjP°C° PIC-PrPīPsPIC-PrPSPsPiPs PrPsCfPIC-PrCf P·P°CfC,PsCfCfPīP°PSPSCf P»C-PeP°CfCfCHPePsPiPs P·P°CfPsP±Cf PrC-C,CfPj PIC-PePsPj PrPs 18 CfPSPeC-PI (PrPēPI. CfPSP·PrC-P»Pē B«P°P°CfPjP°PePsPeC-PSPμC,PēPeP°B» C,P° B«P°P°CfPjP°PePsPrPēPSP°PjC-PeP°B»).

PŸPīPsCfC-P± P·P°CfC,PsCfCfPīP°PSPSCf

- PŷP°P±P»PμC,PePë CÍP»C-Pr PePsPIC,P°C,Pë C†C-P»PëPjPë C- P·P°PïPëPIP°C,Pë 1
CÍPeP»CÏPSPePsCĤ P·PIPëC†P°PNëPSPsC— PIPsPrPë (180-240 PjP»), CÍPëPrCÏC†Pë C†Pë
CÍC,PsCÏC†Pë CÍ PIPμCĤC,PëPeP°P»CHBPSPsPjCÍ PïPsP»PsP¶PμPSPSC-. PkPμ CÍP»C-Pr
PIP¶PëPIP°C,Pë PIPsPrCÍ P· PIPëCÍPsPePsCĤ PePsPSC†PμPSC,CĤP°C†C-C”CĤ
PeP°P»CHC†C-CĤ. PïPeC%Ps C-CÍPSCÍCĤC,CH PïPsP±PsCĤPIP°PSPSCÏ C%PsPrPs
PïPsC,PμPSC†C-PNëPSPs PIPëCÍPsPePëC... CĤC-PIPSC-PI PeP°P»CHC†C-CĤ CÍ PïPëC,PSC-PNë
PIPsPrC- (P¶PsCĤCÍC,PeP° PIPsPrP°), CĤPμPePsPjPμPSPPrCÍC”C,CHCÍCÏ PIP¶PëPIP°C,Pë
P±CÍC,PëP»CHBPSPIP°PSCÍ PIPsPrCÍ P· PSPëP·CHPePëPj PIPjC-CÍC,PsPj
PjC-PSPμCĤP°P»CHBPSPëC... CĤPμC†PsPIPëPS.

- PμP°C†C-C”PSC,P°Pj PSPμ CÍP»C-Pr P»PμP¶P°C,Pë PïCĤPsC,CÏPiPsPj 60 C...PIPëP»PëPS
PïC-CÍP»CÏ PïCĤPëPNëPsPjCÍ P»C-PeP°CĤCÍCHPePsPiPs P·P°CÍPsP±CÍ.

- P—P°PïPëPIP°C,Pë C,P°P±P»PμC,PePë CÍP»C-Pr P»PëC€Pμ P·PIPëC†P°PNëPSPsCĤ PIPsPrPsCĤ.

- PμP°C†C-C”PSC,P°Pj PSPμ CÍP»C-Pr CĤPsP·P¶PsPICÍPIP°C,Pë C†Pë CÍPjPsPeC,P°C,Pë
C,P°P±P»PμC,PeCÍ C†PμCĤPμP· PjPsP¶P»PëPIC-CÍC,CH CÍC,PIPsCĤPμPSPSCÏ PIPëCĤP°P·PsPe
PSP° CÍP»PëP·PsPIC-PNë CĤPsC,PsPiP»PsC,PePë.

P”C-C,Pë

P—P°CÍC,PsCÍCÍPIP°PSPSCÏ P»C-PeP°CĤCÍCHPePsPiPs P·P°CÍPsP±CÍ PrC-C,CÏPj PIC-PePsPj
PrPs 18 CĤPsPeC-PI PSPμ PIPëPIC†P°P»Pë.

PμPμCĤPμPrPsP·C¿PIP°PSPSCÏ

PŷPïPμC†PëC,,C-C†PSPsC— C-PSC,,PsCĤPjP°C†C-C— PïCĤPs P»C-PeCÍPIP°PSPSCÏ CÍ
PIPëPïP°PrPeP°C... PïPμCĤPμPrPsP·CÍPIP°PSPSCÏ P»C-PeP°CĤCÍCHPePëPj P·P°CÍPsP±PsPj
PSPμPjP°C”. PŷPëPjPïC,PsPjPë. P—PiC-PrPSPs PSP°CÏPIPSPsC— C-PSC,,PsCĤPjP°C†C-C— PïCĤPs
P±C-CÍC,,PsCÍC,,PsPSP°C,Pë, PjPsP¶Pμ CÍPïPsCÍC,PμCĤC-PiP°C,PëCÍCÏ CĤPsP·PIPëC,PsPe
PïPsP±C-C†PSPëC... CĤPμP°PeC†C-PNë P· P±PsPeCÍ PIPμCĤC...PSC-C... PIC-PrPrC-P»C-PI
C€P»CÍPSPePsPIPs-PePëC€PePsPIPsPiPs C,CĤP°PeC,CÍ (C,P°PePëC... CÏPe C€P»CÍPSPePsPIC-
CĤPsP·P»P°PrPë, PrPëCÍPïPμPïCÍC-CÏ, PμP·PsC,,P°PiC-C,, PiP°CÍC,CĤPëC,, PIPëCĤP°P·PeP°)
P°P±Ps PiC-PïPsPeP°P»CHC†C-C”PjC-CÏ.

P>C-PeC¿PIP°PSPSCÏ. P”P»CÏ P·PiBĤ™ CÏP·CÍPIP°PSPSCÏ P»C-PeP°CĤCÍCHPePsPiPs
P·P°CÍPsP±CÍ CÍP»C-Pr PïCĤPëP·PSP°C†P°C,Pë PjPsP»PsPePs P°P±Ps P°PSC,P°C†PëPrPSC-
P·P°CÍPsP±Pë. P’CÍPrCH-CÏPeC- PïPsP±C-C†PSC- CĤPμP°PeC†C-C— CÍP»C-Pr
P»C-PeCÍPIP°C,Pë CÍPëPjPïC,PsPjP°C,PëC†PSPs. P§PμCĤPμP· CĤPëP·PëPe
PïPsPrCĤP°P·PSPμPSPSCÏ CÍC,CĤP°PIPsC...PsPrCÍ PSPμ CÍP»C-Pr PIPëPeP»PëPeP°C,Pë
P±P»CHPIP°PSPSCÏ. PμP°C†C-C”PSC,P°Pj PSPμPsP±C...C-PrPSPs P·PSP°C...PsPrPëC,PëCÍCH CÍ
PIPμCĤC,PëPeP°P»CHBPSPsPjCÍ PïPsP»PsP¶PμPSPSC-.

PμPsP±C-C†PSC- CĤPμP°PeC†C-C—

P PμP·CĤPjPμ PïCĤPsC,,C-P»CĤ P· P±PμP·PïPμPePë

PJ PrPIPsC₇C- $\text{C}\ddagger$ PS₂PjCr PrPsC₁P»C-PrP Π P₁PS₂SC- PI P Π C-PS₂Pe Cr
 PiPsC₁C,PjP₁PS₂SiP°CrP·P°P»CH₂PS₂PjCr PiP₁C₇C-PsPrC- P· PsC₁C,P₁PS₂SiPsC₇PsP·PsPj
 (P'P₁16549) P·P°PiP°P»CH₂PS₂P₁Ne PiC₇PsC,,C-P»CH₂ P $\pm$ P₁P·PiP₁PeP₂ P $\pm$ CrPI PiPsPrC-P $\pm$ PS₂Pj
 PrP»C Π P»C-PeP°C₇C₁CH₂PePsPiPs P·P°C₁PsP $\pm$ Cr Cr PrPsP·CrPIP°PSPSC- 150 PjPi 1 C₇P°P·
 PSP° PjC-C₁C Π C Π C Π CH₂ C,P° C-P $\pm$ P°PSPrC₇PsPSPsPIP₂C— PeP₂C₁P»PsC,P₂ Cr PrPsP·C- 2,5 PjPi
 PiP₁C₇PsC₇P°P»CH₂PS₂ C%₀₀PsPrP₁PS₂SPs. P—P°PiP°P»CH₂PS° PeC-P»CH₂PeC-C₁C,CH₂
 PiP°C Π C-C"PS₂C,PsPe, Cr C Π PeP₂C... P $\pm$ CrP»P₂ P·P°C₇P₁C" C₁C,C₇PsPIP°PSC- PiPsP $\pm$ C-C $\ddagger$ PS₂C-
 C₇P₁P°PeC Π C-C—, C,PsP $\pm$ C,Ps PiPsP $\pm$ C-C $\ddagger$ PS₂C- C Π PIP₂C%₀₀P° P· PjPsP Π P»P₂PIP₂Pj P°P $\pm$ Ps
 PIC-C₇PsPiC-PrPSP₂Pj P·PiB₇™ C Π P·PePsPj C-P· PrPsC₁P»C-PrP Π C₁PIP°PSP₂Pj
 PiC₇P₁PiP°C₇P°C,PsPj, C₁C,P°PS₂PIP₂P»P° 22,7 % C- 25 % PiC₇P₂ P·P°C₁C,PsC₁C₁PIP°PSPSC-
 P»C-PeP°C₇C₁CH₂PePsPiPs P·P°C₁PsP $\pm$ Cr PI PrPsP·CrPIP°PSPSC- 150 PjPi 1 C₇P°P· PSP°
 PjC-C₁C Π C Π C Π CH₂ C $\ddagger$ P₁C₇P₁P· 1 C- 2 C₇PsPeP₂ P»C-PeCrPIP°PSPSC Π PIC-PrPiPsPIC-PrPS₂Ps.
 P'C-P»CH₂C₁C-C₁C,CH₂ PiPsP $\pm$ C-C $\ddagger$ PS₂P₂C... C₇P₁P°PeC Π C-PN₂ PS₂P₁ PiC₇P₂P·PIPsPrP₂P»P₂ PrPs
 PiC₇P₂PiP₂PS₂P₁PS₂C Π P»C-PeCrPIP°PSPSC Π . P₁PsP $\pm$ C-C $\ddagger$ PS₂C- C₇P₁P°PeC Π C-C—
 P·P°P·PS₂C $\ddagger$ P₁PS₂C- PS₂P Π C $\ddagger$ P₁ P·PiC-PrPS₂Ps P· C,P₁C₇PjC-PS₂Ps»PsPiC-C"CH₂
 PjP₁PrP₂C $\ddagger$ PS₂SiPs C₁P»PsPIPSP₂PeP° PS₂C₇PjP°C,P₂PIPS₂SiC₇P°PIPsPiPsC—
 PrC-C Π P»CH₂PS₂C₁C,C- (MedDRA) P·P° PeP»P°C₁P°PjP₂ C₁P₂C₁C,P₁Pj PsC₇PiP°PSC-PI C,P°
 PeP°C,P₁PiPsC₇C-C Π PjP₂ C $\ddagger$ P°C₁C,PsC,P₂. P—P° C $\ddagger$ P°C₁C,PsC,PsC₇ PiPsP $\pm$ C-C $\ddagger$ PS₂C-
 C₇P₁P°PeC Π C-C— PiPsPrC-P»C Π C₇C,CH₂C₁C Π PSP° PrCrP Π P₁ PiPsC₁P₂C₇P₁PS₂C- ($\geq 1/10$),
 PiPsC₁P₂C₇P₁PS₂C- ($\geq 1/100$, $< 1/10$), PS₂P₁PiPsC₁P₂C₇P₁PS₂C- ($\geq 1/1\ 000$, $< 1/100$), C₇C-PrPePs
 PiPsC₁P₂C₇P₁PS₂C- ($\geq 1/10\ 000$, $< 1/1\ 000$), PrCrP Π P₁ C₇C-PrPePs PiPsC₁P₂C₇P₁PS₂C- ($< 1/10\ 000$),
 C $\ddagger$ P°C₁C,PsC,P° PS₂P₁PIC-PrPsPjP° (PS₂P₁PjPsP Π P₁ P $\pm$ CrC,P₂ C₇PsP·C₇P°C...PsPIP°PSP°
 P·P° PS₂C Π PIPS₂PiP₂P₂ PrP°PS₂PiP₂P₂). PJ PePsP Π PS₂C-PN₂ PiC₇CrPiC- C $\ddagger$ P°C₁C,PsC,

PiPsP±C-C±PSC- CḡPμP°PeC†C-C— P·P°P·PSP°C±PμPSC- PI PiPsCḡCḡPμPeC†
P·PjPμPSC€PμPSPSCḡ C†PμCḡPNḡPsP·PSPsC†C,C-.

PμPsP±C-C±PSC- CḡPμP°PeC†C-C—, P·P°CḡPμC”C†C,CḡPsPIP°PSC- PiCḡPsC,CḡPiPsPj
P†P†P†C,,P°P·Pë PrPsC†P»C-PrPḡPμPSCḡ P’Pḡ16549 C,P° MF4411 C† PḡC-PSPsPe C†
PiPsC†C,PjPμPSPsPiP°C†P·P°P»CḡPSPsPjC† PiPμCḡC-PsPrC-, CḡPeC-
PsC,CḡPëPjC†PIP°P»Pë C-P±P°PSPPrCḡPsPSPsPIC† PePëC†P»PsC,C† PiPs 150 PjPi 1
CḡP°P· PSP° PjC-C†CḡC†Cḡ P°P±Ps C-P±P°PSPPrCḡPsPSPsPIC† PePëC†P»PsC,C† C†
PrPsP·C- 2,5 PjPi PiPμCḡPsCḡP°P»CḡPSPs C%ḡPsPrPμPSPSPs C,P° PiC-Pr C±P°C†
PiPsC†C,PjP°CḡPePμC,PëPSPiPsPIPsPiPs P·P°C†C,PsC†C†PIP°PSPSCḡ
C-P±P°PSPPrCḡPsPSPsPIPsC— PePëC†P»PsC,Pë:

P— P±PsPeCḡ C-PjCḡPSPSPsC— C†PëC†C,PμPjPë: PSPμPiPsC€PëCḡPμPSC- Bḡ“
P·P°PiPsC†C,CḡPμPSPSCḡ P±CḡPsPSC...C-P°P»CḡPSPsC— P°C†C,PjPë; CḡC-PrPePs
PiPsC€PëCḡPμPSC- Bḡ“ CḡPμP°PeC†C-C— PiC-PiPμCḡC†C†C,P»PëPiPsC†C,C-; PrC†PḡPμ
CḡC-PrPePs PiPsC€PëCḡPμPSC- Bḡ“ P°PSP°C,C-P»P°PeC,PëC±PSP° CḡPμP°PeC†C-Cḡ /
C€PsPe*Bḡ .

PμPsCḡCḡC€PμPSPSCḡ PsP±PjC-PSCḡ CḡPμC±PsPIPëPS, PjPμC,P°P±PsP»C-P·PjCḡ:
PSPμPiPsC€PëCḡPμPSC-Bḡ“ PiC-PiPsPeP°P»CḡC†C-C”PjC-CḡBḡ .

P— P±PsPeCḡ PSPμCḡPIPsPIPsC— C†PëC†C,PμPjPë: PiPsC€PëCḡPμPSC- Bḡ“ PiPsP»PsPIPSPëPNḡ
P±C-P»Cḡ; PSPμPiPsC€PëCḡPμPSC- Bḡ“ P·P°PiP°PjPsCḡPsC±PμPSPSCḡ.

P— P±PsPeCḡ PsCḡPiP°PSC-PI P·PsCḡCḡ: CḡC-PrPePs PiPsC€PëCḡPμPSC- Bḡ“
P·P°PiP°P»PμPSPSCḡ PsPeP°*.

P— P±PsPeCḡ C€P»CḡPSPePsPIPs-PePëC€PePsPIPsPiPs C,CḡP°PeC,Cḡ: PiPsC€PëCḡPμPSC- Bḡ“
PμP·PsC,,P°PiC-C,, PiP°C†C,CḡPëC,, PiP°C†C,CḡPsPμP·PsC,,P°PiPμP°P»CḡPSP°
CḡPμC,,P»CḡPeC†PSP° C...PIPsCḡPsP±P°, PrPëC†PiPμPiC†C-Cḡ, PrC-P°CḡPμCḡ,
P°P±PrPsPjC-PSP°P»CḡPSPëPNḡ P±C-P»Cḡ, PSC†PrPsC,P°; PSPμPiPsC€PëCḡPμPSC- Bḡ“
PμP·PsC,,P°PiC-C,, PiPeP»CḡC±P°CḡC±Pë P·PiPëCḡP°P·PeC†PIP°PSPSCḡ C†C,CḡP°PIPsC...PsPrC†
C±Pë C†C,CḡPëPeC,C†CḡPë C- PrPëC†C,,P°P·C-Cḡ, P±P»CḡPIP°PSPSCḡ, PjPμC,PμPsCḡPëP·Pj;
CḡC-PrPePs PiPsC€PëCḡPμPSC- Bḡ“ PrC†PsPrPμPSC-C,.

P— P±PsPeCḡ C€PeC-CḡPë C- PiC-PrC€PeC-CḡPSPsC— PeP»C-C,PePsPIPëPSPë:
PiPsC€PëCḡPμPSC- Bḡ“ PiPëC†PëPiP°PSPSCḡ; CḡC-PrPePs PiPsC€PëCḡPμPSC- Bḡ“
P°PSPiC-PsPSPμPICḡPsC,PëC±PSPëPNḡ PSP°P±CḡCḡPe, PSP°P±CḡCḡPe PsP±P»PëC±CḡCḡ,
PeCḡPsPiPëPiBḡ™CḡPSPeP°; PrC†PḡPμ CḡC-PrPePs PiPsC€PëCḡPμPSC- Bḡ“ C†PëPSPPrCḡPsPj
PḡC,C-PIPμPSC†P°-P”PḡPsPSC†PsPSP°Bḡ , PjC†P»CḡC,PëC,,PsCḡPjPSP° PμCḡPëC,PμPjP°Bḡ ,
P±C†P»CḡPsP·PSPëPNḡ PrPμCḡPjP°C,PëC,Bḡ .

P— P±PsPeCḡ PsPiPsCḡPSPs-CḡCḡC...PsPIPsC— C†PëC†C,PμPjPë C,P° C†PiPsP»CḡC±PSPsC—
C,PeP°PSPëPSPë: PiPsC€PëCḡPμPSC- Bḡ“ P°CḡC,CḡP°P»PiC-Cḡ, PjC-P°P»PiC-Cḡ,
PjBḡ™CḡP·PsPIPs-C†PePμP»PμC,PSPëPNḡ P±C-P»Cḡ, C†C†PrPsPjPë C† PjBḡ™CḡP·P°C...,
PjBḡ™CḡP·PsPIPs-C†PePμP»PμC,PSP° CḡPëPiC-PrPSC-C†C,Cḡ; PSPμPiPsC€PëCḡPμPSC-
Bḡ“ P±C-P»Cḡ C† C†PiPëPSC-; CḡC-PrPePs PiPsC€PëCḡPμPSC- Bḡ“ P°C,PëPiPsPIPëPNḡ
PiC-PrPIPμCḡC,P»CḡPḡPSPëPNḡ C,P° PrC-P°C,,C-P·P°CḡPSPëPNḡ PiPμCḡPμP»PsPj
C†C,PμPiPSPsPIPsC— PeC-C†C,PePëBḡ ; PrC†PḡPμ CḡC-PrPePs PiPsC€PëCḡPμPSC- Bḡ“
PsC†C,PμPsPSPμPeCḡPsP· C%ḡPμP»PμPiPSPëC... PeC-C†C,PsPe*Bḡ ,
PsC†C,PμPsPSPμPeCḡPsP· P·PsPIPSC-C€PSCḡPsPiPs C†P»C†C...PsPIPsPiPs

PiC7PsC...PsPrCr (PiPsP±C-C±PSP° C7PμP°PeC†C-C7, C...P°C7P°PeC,PμC7PSP° PrP»C7 P±C-C7C,,PsC7C,,PsPSP°C,C-PI C7Pe PeP»P°C7C7)B7; C±P°C7C,PSc,P° PSPμPIC-PrPsPjP° B7“ P°C,PëPiPsPIC- PiPμC7PμP»PsPjPë PrPsPIPiPëC... PeC-C7C,PSPe, PeC7C-Pj C7C,PμPiPSPsPIPsC— PeC-C7C,PePë.

P—P°PiP°P»CHPSC- C7PsP·P»P°PrPë C,P° C7C,P°PS C¿ PjC-C7C†C- PIPμPrPμPSPSC7: PiPsC€PeC7PμPSC- B7“ PiC7PëPiPsPiPsPrC-P±PSPμ P·P°C...PIPsC7C7PIP°PSPSC7*; PSPμPiPsC€PeC7PμPSC- B7“ C7P»P°P±PeC-C7C,CH.

*PrPëPI. C-PSC,,PsC7PjP°C†C-C7 PSPëP7C±Pμ.

B7 PIPëC7PIP»PμPSC- PiC-Pr C±P°C7 PiPsC7C,PjP°C7PePμC,PëPSPiPsPIPsPiPs P·P°C7C,PSc7C7PIP°PSPSC7 C-P±P°PSPrC7PsPSPsPIPsC— PePëC7P»PsC,Pë.

PhPiPëC7 PsPeC7PμPjPëC... PiPsP±C-C±PSPëC... C7PμP°PeC†C-PM

PμPsP±C-C±PSC- C7PμP°PeC†C-C— P· P±PsPeC¿ C€P»C¿PSPePsPIPs-PePëC€PePsPIPsPiPs C,C7P°PeC,C¿

PμP°C†C-C”PSC,Pë P· PiPsPiPμC7PμPrPSC-Pj P°PSP°PjPSPμP·PsPj C€P»C7PSPePsPIPs- PePëC€PePsPIPsPiPs P·P°C...PIPsC7C7PIP°PSPSC7, PIPeP»C7C±P°C7C±Pë PiP°C†C-C”PSC,C-PI C-P· PiPμPiC,PëC±PSPsC7 PIPëC7P°P·PePsC7 P±PμP· PSPμPrP°PIPSC-C... PeC7PsPIPsC,PμC± P°P±Ps PiPsC7PiC-C,P°P»C-P·P°C†C-C— C- PiP°C†C-C”PSC,C-PI P· PrPëC7PiPμPiC7C-C”C7 C±Pë C7PμC,,P»C7PeC7PsPj, PePsPSC,C7PsP»CHPsPIP°PSPëPj P·P° PrPsPiPsPjPsPiPsC7 PjPμPrPëPeP°PjPμPSC,PsP·PSPsPiPs P»C-PeC7PIP°PSPSC7, P±C7P»Pë PIPeP»C7C±PμPSC- PI PrPsC7P»C-PrP7PμPSPSC7 C-P· P»C-PeC7PIP°PSPSC7Pj 1 C7P°P· PSP° PjC-C7C7C†CH. Pj C†PëC... PiP°C†C-C”PSC,C-PI PSPμ P±C7P»Ps C7C-P·PSPëC†C- PI C±P°C7C,PSc,C- PiPsP±C-C±PSPëC... C7PIPëC% P· P±PsPeC7 PIPμC7C...PSC-C... PIC-PrPrC-P»C-PI C€P»C7PSPePsPIPs-PePëC€PePsPIPsPiPs C,C7P°PeC,C7 PiC7Pë P·P°C7C,PSc7C7PIP°PSPSC- P»C-PeP°C7C7CHPePsPiPs P·P°C7PsP±C7 PI PrPsP·C- 150 PjPi 1 C7P°P· PSP° PjC-C7C7C†CH PiPsC7C-PIPSC7PSPs P· PrPsP·PsC7 2,5 PjPi/PrPsP±C7.

P”C7PëPiPsPiPsPrC-P±PSPμ P·P°C...PIPsC7C7PIP°PSPSC7 PIPeP»C7C±P°P»Ps C,P°PeC- C7PëPjPiC,PsPjPë: C7PμP°PeC†C-C— P°P±Ps C7PëPjPiC,PsPjPë PiPsC7C,C7PsC— C,,P°P·Pë, C7 C,,C±. PjC-P°P»PiC-C7, P°C7C,C7P°P»PiC-C7, PiP°C7C7C±PeC7, PsP·PSPsP±, PIC,PsPjP»C7PIP°PSC-C7C,CH, PSC7PrPsC,C7, PIC,C7P°C,C7 P°PiPμC,PëC,C7 C,P° P±C-P»CH C7 PeC-C7C,PeP°C....

PhC7C,PμPsPSPμPeC7PsP· C%PμP»PμPiPSPëC... PeC-C7C,PsPe

P—P°C,,C-PeC7PsPIP°PSPs PIPëPiP°PrPePë PsC7C,PμPsPSPμPeC7PsP·C7 C%PμP»PμPiPSPëC... PeC-C7C,PsPe, PiPμC7PμPIP°P7PSPs C7 PiP°C†C-C”PSC,C-PI P·C- P·P»PsC7PeC-C7PSPëPjPë PSPsPIPsC7C,PIPsC7PμPSPSC7PjPë, C7PeC- PsC,C7PëPjC7PIP°P»Pë P»C-PeC7PIP°PSPSC7 PiC7PμPiP°C7P°C,P°PjPë, C%Ps C-PSPiC-P±C7C7C,CH PeC-C7C,PePsPIC7 C7PμP·PsC7P±C†C-C7, P·PsPeC7PμPjP° C-P±P°PSPrC7PsPSPsPIPsC7 PePëC7P»PsC,PsC7 (PrPëPI. C7PsP·PrC-P» B«PhC7PsP±P»PëPIPsC7C,C- P·P°C7C,PSc7C7PIP°PSPSC7B»).

PμPsPIC-PrPsPjP»C7P»PsC7C7 PiC7Ps PIPëPiP°PrPePë PsC7C,PμPsPSPμPeC7PsP·C7 C%PμP»PμPiPSPëC... PeC-C7C,PsPe PiC-Pr C±P°C7 PiPsC7C,PjP°C7PePμC,PëPSPiPsPIPsPiPs P·P°C7C,PSc7C7PIP°PSPSC7 C-P±P°PSPrC7PsPSPsPIPsC— PePëC7P»PsC,Pë.

*PћC,PёPіPsPIC- PіC-PrPIPμCћC,P»CћPіPsPIC- C,P° PrC-P°C,,C-P·P°CћPSC- PіPμCћPμP»PsPjPё
CћC,PμPіPSPsPIPsC— PeC-CћC,PePё*

P”P°PSC- PμPіC-PrPμPjC-PsP»PsPіC-C±PSPёC... PrPsCћP»C-PrP¶PμPSCћ CћPIC-PrC±P°C,CH
PіCћPs PіC-PrPIPёC%oPμPSPёPNё CћPёP·PёPe P°C,PёPіPsPIPёC...
PіC-PrPIPμCћC,P»CћPіPsPIPёC... C- PrC-P°C,,C-P·P°CћPSPёC... PіPμCћPμP»PsPjC-PI
CћC,PμPіPSPsPIPsC— PeC-CћC,PePё PіCћPё PrPsPIPiPsC,CћPёPIP°P»C-PNё C,PμCћP°PіC-C—
P±C-CћC,,PsCћC,,PsPSP°C,P°PjPё PіPsCћC,PjPμPSPsPіP°CћP·P°P»CHPSPsPіPs
PsCћC,PμPsPіPsCћPsP·Cћ, PsCћPsP±P»PёPIPs PіC-CћP»Cћ C,CћCHPsC...Bћ“PіBћ™ CћC,Pё
CћPsPeC-PI P·P°CћC,PсCћCћPIP°PSPSCћ, P°P»Pμ PіP°C,PсC,,C-P·C-PsP»PsPіC-Cћ PrPs
PeC-PSCћCћ PSPμ PIPёP·PSP°C±PμPSP°. PћP±CћPsP»CћC,PSPёPNё CћPёP·PёPe
P°C,PёPіPsPIPёC... PіC-PrPIPμCћC,P»CћPіPsPIPёC... C- PrC-P°C,,C-P·P°CћPSPёC...
PіPμCћPμP»PsPjC-PI PrPsPIPiPёC... PeC-CћC,PсPe (PіPsP±C-C±PSP° CћPμP°PeCћC-Cћ
PeP»P°CћCћ P±C-CћC,,PsCћC,,PsPSP°C,C-PI) P·P°P»PёCёP°C”C,CHCћCћ PrCћP¶Pμ
PSPёP·CHPePёPj.

P—P°PіP°P»PμPSPSCћ PsPeP°

PμCћPё P·P°CћC,PсCћCћPIP°PSPSC- C-P±P°PSPrCћPsPSPsPIPsC— PePёCћP»PsC,Pё
PіPsPIC-PrPsPjP»CћP»PsCћCћ PіCћPs P·P°PіP°P»CHPSC- PіPsCћCћCёPμPSPSCћ P· P±PsPeCћ
PsC±PμPNё: CћPIPμC—C,, PμPіC-CћPeP»PμCћPёC,, CћPeP»PμCћPёC,. PJ PrPμCћPePёC...
PIPёPіP°PrPeP°C... CћC- P·P°PіP°P»CHPSC- PіPsCћCћCёPμPSPSCћ P·PSPёPeP°P»Pё P»PёCёPμ
PіC-CћP»Cћ PIC-PrPjC-PSPё C-P±P°PSPrCћPsPSPsPIPsC— PePёCћP»PsC,Pё.

PћPSP°C,,C-P»P°PeC,PёC±PSP° CћPμP°PeCћC-Cћ / CёPsPe

PJ PіP°CћC-C”PSC,C-PI, CћPeC- PsC,CћPёPjCћPIP°P»Pё P»C-PeCћPIP°PSPSCћ
PIPSCћC,CћC-CёPSCћPsPIPμPSPSPsCћ C-P±P°PSPrCћPsPSPsPIPsCћ PePёCћP»PsC,PсCћ,
P·P°C,,C-PeCћPsPIP°PSPs PIPёPіP°PrPePё P°PSP°C,,C-P»P°PeC,PёC±PSPsC— CћPμP°PeCћC-C— /
CёPsPeCћ, Cћ C,PсPjCћ C±PёCћP»C- P· P»PμC,P°P»CHPSPёPj PSP°CћP»C-PrPePsPj.

*PμPsPIC-PrPsPjP»PμPSPSCћ PіCћPs PіC-PrPsP·CћCћPIP°PSC- PіPsP±C-C±PSC-
CћPμP°PeCћC-C—*

PμPsPIC-PrPsPjP»PμPSPSCћ PіCћPs PіC-PrPsP·CћCћPIP°PSC- PіPsP±C-C±PSC-
CћPμP°PeCћC-C— PіC-CћP»Cћ CћPμC”CћC,CћP°CћC— P»C-PeP°CћCћCHPePsPіPs
P·P°CћPsP±Cћ PjP°C” PIP°P¶P»PёPIPμ P·PSP°C±PμPSPSCћ. PіPμ PrP°C” P·PjPsPіCћ
PіCћPsPIPsPrPёC,Pё PjPsPSC-C,PсCћPёPSPi CћPіC-PIPIC-PrPSPsCёPμPSPSCћ PePsCћPёCћC,CH
/ CћPёP·PёPe PіCћPё P·P°CћC,PсCћCћPIP°PSPSC- CћCHPsPіPs P»C-PeP°CћCћCHPePsPіPs
P·P°CћPsP±Cћ. PћPμPrPёC±PSPёPj C,P° C,,P°CћPjP°CћPμPIC,PёC±PSPёPj
PіCћP°CћC-PIPSPёPeP°Pj, P° C,P°PePsP¶ PіP°CћC-C”PSC,P°Pj P°P±Ps C—C... P·P°PePsPSPSPёPj
PіCћPμPrCћC,P°PIPSPёPeP°Pj CћP»C-Pr PіPsPIC-PrPsPjP»CћC,Pё PіCћPs CћCћC-
PIPёPіP°PrPePё PіC-PrPsP·CћCћPIP°PSPёC... PіPsP±C-C±PSPёC... CћPμP°PeCћC-PNё C,P°
PIC-PrCћCћC,PSPsCћC,C- PμC,,PμPeC,PёPIPSPsCћC,C- P»C-PeP°CћCћCHPePsPіPs P·P°CћPsP±Cћ
C±PμCћPμP· PћPIC,PсPjP°C,PёP·PsPIP°PSCћ C-PSC,,PsCћPjP°CћC-PNёPSCћ CћPёCћC,PμPjCћ P·
C,,P°CћPjP°PePsPSP°PіP»CћPrCћ P·P° PіPsCћPёP»P°PSPSCћPj: <https://aisf.dec.gov.ua>.

PћPμCћPjC-PS PіCћPёPrP°C,PSPsCћC,C-

5 CћPsPeC-PI.

PJPjPsPIë P·P±PµCȚC-PiP°PSPSCȚ

PќPµ PīPsC,CȚPµP±CřC” CĴPīPµC†C-P°P»CḤPSPëC... CřPjPsPI P·P±PµCȚC-PiP°PSPSCȚ.
P—P±PµCȚC-PiP°C,Pë PI PSPµPrPsCĴC,CřPīPSPsPjCř PrP»CȚ PrC-C,PµPNë PjC-CĴC†C-.

PJPiP°PePsPIPeP°

PŷP°P±P»PµC,PePë, PIPeCȚPëC,C- PīP»C-PIPePsPIPsCȚ PsP±PsP»PsPSPePsCȚ, PīPs 150 PjPi.
PµPs 1 C,P°P±P»PµC,C†C- Cř P±P»C-CĴC,PµCȚC-; PīPs 1 P±P»C-CĴC,PµCȚCř PI
PeP°CȚC,PsPSPSC-PNë PePsCȚPsP±C†C-.

PЉP°C,PµPiPsCȚC-CȚ PIC-PrPīCřCĴPeCř

P—P° CȚPµC†PµPīC,PsPj.

P’PëCȚPsP±PSPëPe

P⌘PĥP PĥPĥPŷP·Pќ PŷPĥ.

**PĥC-CĴC†PµP·PSP°C...PsPrP¶PµPSPSCȚ PIPëCȚPsP±PSPëPeP° C,P° P°PrCȚPµCĴP°
PjC-CĴC†CȚ PīCȚPsPIP°PrP¶PµPSPSCȚ PNëPsPiPs PrC-CȚP»CḤPSPsCĴC,C-**

P”PµCȚPIPµPSP°PeC-PsPS 6, PµP°P»P»C-PSC- PĥC,C,PëPeP°, 15351, P”CȚPµC†C-CȚ.