

# IPKPYPP PJPbP|P+PI

**PrP»CII PjPµPrPëC±PSPsPiPs P·P°CÍC,PsCÍCíPIP°PSPSCII  
P»C-PeP°CËCÍCHbPePsPiPs P·P°CÍPsP±Cí**

**PbPbPbPYPP+P"P Pj P"P PjP™P'**

**(MAXIGRA DRIVE)**

## **PYPeP»P°Pr:**

PrC-CHC±P° CËPµC±PsPIPëPSP°: C,P°PrP°P»P°C,,C-P»;

1 C,P°P±P»PµC,PeP°, PIPeCËPëC,P° PíP»C-PIPePsPIPsCË PsP±PsP»PsPSPePsCË,  
PjC-CÍC,PëC,CH 2,5 PjPi P°P±Ps 5 PjPi, P°P±Ps 10 PjPi, P°P±Ps 20 PjPi C,P°PrP°P»P°C,,C-P»Cí;

PrPsPiPsPjC-P¶PSC- CËPµC±PsPIPëPSPë:

CIIPrCËPs C,P°P±P»PµC,PePë: P»P°PeC,PsP·Pë PjPsPSPsPiC-PrCËP°C,, C†PµP»CHP»PsP·P°  
PjC-PeCËPsPeCËPëCÍC,P°P»C-C±PSP°, PíPsPIC-PrPsPS Pj 30, PíPsP»PsPeCÍP°PjPµCË,  
PSP°C,CËC-CH P»P°CíCËPëP»CÍCíP»CHC,,P°C,, PSP°C,CËC-CH PeCËPsCÍPeP°CËPjPµP»PsP·P°,  
PeCËPµPjPSC-CH PrC-PsPeCÍPëPr PePsP»PsC—PrPSPëPNë P±PµP·PIPsPrPSPëPNë, PjP°PiPSC-CH  
CÍC,PµP°CËP°C,;

PsP±PsP»PsPSPeP° PrP»CII C,P°P±P»PµC,PePë PíPs 2,5 PjPi: CÍPíPëCËC,  
PíPsP»C-PIC-PSC-P»PsPIPëPNë, C,PëC,P°PSCí PrC-PsPeCÍPëPr (P• 171),  
PjP°PeCËPsPiPsP», C,P°P»CHbPe;

PsP±PsP»PsPSPeP° C,P°P±P»PµC,PsPe PíPs 5 PjPi, 10 PjPi C,P° 20 PjPi: CÍPíPëCËC,  
PíPsP»C-PIC-PSC-P»PsPIPëPNë, C,PëC,P°PSCí PrC-PsPeCÍPëPr (P• 171), PjP°PeCËPsPiPsP»,  
C,P°P»CHbPe, P·P°P»C-P·P° PsPeCÍPëPr P¶PsPIC,PëPNë (P• 172), P·P°P»C-P·P° PsPeCÍPëPr  
C±PµCËPIPsPSPëPNë (P• 172).

**P»C-PeP°CËCÍCHbPeP° C,,PsCËPjP°.** PYP°P±P»PµC,PePë, PIPeCËPëC,C- PíP»C-PIPePsPIPsCË  
PsP±PsP»PsPSPePsCË.

PbCÍPSPsPIPsC- C,,C-P·PëPePs-C...C-PjC-C±PSC- PIP»P°CÍC,PëPIPsCÍC,C-:

2,5 PjPi: C,P°P±P»PµC,PePë, PIPeCËPëC,C- PíP»C-PIPePsPIPsCË PsP±PsP»PsPSPePsCË,  
P±C-P»PsPiPs P°P±Ps PjP°PNëP¶Pµ P±C-P»PsPiPs PePsP»CHbPsCËCí, PeCËCíPiP»C-,  
PrPIPsPsPiCíPeP»C-, 4,9BË"5,3 PjPj Cí PrC-P°PjPµC,CËC-;

5 PjPi: C,P°P±P»PµC,PePë, PIPeCËPëC,C- PíP»C-PIPePsPIPsCË PsP±PsP»PsPSPePsCË,  
CÍPIC-C,P»Ps-PePsCËPëC±PSPµPIPsPiPs PePsP»CHbPsCËCí, PíCËPsPrPsPIPiCíPIP°C,C-,

PrPIPsPsPiCfPeP»C-, PrPsPIP¶PëPSPsCñ 7,9вñ“8,3 PjPj, CëPëCñPëPSPsCñ 3,9вñ“4,3 PjPj;

10 PjPi: C,P°P±P»PµC,PePë, PIPeCñPëC,C- PïP»C-PIPePsPIPsCñ PsP±PsP»PsPSPePsCñ, CÍPIC-C,P»Ps-ScñP°PSP¶PµPIPsPiPs PePsP»CñPsCñCf, PíCñPsPrPsPIPiCfPIP°C,C-, PrPIPsPsPiCfPeP»C-, P· P»C-PSC-C”Cñ CñPsP·P»PsPjCf P· PsPrPSPsPiPs P±PsPeCf, PrPsPIP¶PëPSPsCñ 10,9вñ“11,4 PjPj, CëPëCñPëPSPsCñ 5,4вñ“5,9 PjPj;

20 PjPi: C,P°P±P»PµC,PePë, PIPeCñPëC,C- PïP»C-PIPePsPIPsCñ PsP±PsP»PsPSPePsCñ, CÍPIC-C,P»Ps-CñPsP¶PµPIPsPiPs PePsP»CñPsCñCf, PíCñPsPrPsPIPiCfPIP°C,C-, PrPIPsPsPiCfPeP»C-, P· CñPëCÍPePsCñ P· PsPrPSPsPiPs P±PsPeCf, PrPsPIP¶PëPSPsCñ 14,9вñ“15,4 PjPj, CëPëCñPëPSPsCñ 7,1вñ“7,6 PjPj. PµC-CÍP»Cñ CñPsP·P»P°PjCfPIP°PSPSCñ CñPrCñPs C,P°P±P»PµC,PePë P±C-P»PsPiPs P°P±Ps PjP°PñP¶Pµ P±C-P»PsPiPs PePsP»CñPsCñCf.

**PαP°CñPjP°PePsC,PµCñP°PïPµPIC,PëC±PSP° PiCñCfPïP°.** P—P°CÍPsP±Pë PrP»Cñ »C-PeCfPIP°PSPSCñ PïPsCñCfCëPµPSCñ PµCñPµPeC†C-C—. PñPsPr PñPÿP¶ G04B E08.

***PαP°CñPjP°PePsP»PsPiC-C±PSC- PIP»P°CÍC,PëPIPsCÍC,C-***

PαP°CñPjP°PePsPrPëPSP°PjC-PeP°

PñPµC...P°PSC-P·Pj PrC-C—

PÿP°PrP°P»P°C,,C-P» C” CÍPµP»PµPeC,PëPIPsPëPj PsP±PsCñPsC,PSPëPj C-PSPiC-P±C-C,PsCñPsPj C†PëPeP»C-C±PSPsPiPs PiCfP°PSPsP·PëPSPjPsPSPsC,,PsCÍC,,P°C,Cf (C†P“PñPα) вñ” CÍPïPµC†PëC,,C-C±PSPsC— C,,PsCÍC,,PsPrC-PµCÍC,PµCñP°P·Pë C,PëPíCf 5 (PαP”P· 5). PñPsP»Pë CÍC,P°C,PµPIP° CÍC,PëPjCfP»CñC†C-Cñ CÍPíCñPëC±PëPSCñC” P»PsPeP°P»CñPSPµ PIPëPIC-P»CñPSPµPSPSCñ PsPeCÍPëPrCf P°P·PsC,Cf, C-PSPiC-P±CfPIP°PSPSCñ PαP”P· 5 C,P°PrP°P»P°C,,C-P»PsPj PíCñPsPrCfPeCfC” PíC-PrPIPëC%PµPSPëPñ CñC-PIPµPSCñ C†P“PñPα Cf PïPµC±PµCñPëCÍC,PsPjCf C,C-P»C-. PjPµ PíCñPëP·PIPsPrPëC,Cñ PrPs CñPµP»P°PeCÍP°C†C-C— PiP»P°PrPePëC... Pjвñ” CñP·C-PI C- PíCñPëPïP»PëPICf PeCñPsPIC- PrPs C,PeP°PSPëPS CÍC,P°C,PµPIPsPiPs C±P»PµPSP°, PIPSP°CÍP»C-PrPsPe C±PsPiPs PIC-PrP±CfPIP°C”C,CñCÍCñ PµCñPµPeC†C-Cñ. PÿP°PrP°P»P°C,,C-P» PíCñPë P»C-PeCfPIP°PSPSC- PµCñPµPeC,PëP»CñPSPsC— PrPëCÍC,,CfPSPeC†C-C— PSPµ C±PëPSPëC,Cñ CÍPIPsC”C— PrC-C— PíCñPë PIC-PrCÍCfC,PSPsCÍC,C- CÍPµPeCÍCfP°P»CñPSPsC— CÍC,PëPjCfP»CñC†C-C—.

P·C,,PµPeC, C-PSPiC-P±CfPIP°PSPSCñ PePsPSC†PµPSC,CñP°C†C-C— C†P“PñPα Cf PïPµC±PµCñPëCÍC,PsPjCf C,C-P»C- C,P°PePsP¶ CÍPïPsCÍC,PµCñC-PIP°C”C,CñCÍCñ Cf PiP»P°PrPePëC... Pjвñ” CñP·P°C... PíCñPsCÍC,P°C,Pë, CÍPµC±PsPIPsPjCf PjC-C...CfCñC- C,P° C—C... CÍCfPrPëPSP°C..., C%Ps PïPµCñPµPSPsCÍCñC,Cñ PeCñPsPI PrPs PIPëC%PµPIPeP°P·P°PSPëC... PsCñPiP°PSC-PI. PÿCfPrPëPSPSP° CñPµP»P°PeCÍP°C†C-Cñ, CñPeP° PíCñPë C†CñPsPjCf PIPëPSPëPeP°C”, CÍPíCñPëC±PëPSCñC” PíC-PrPIPëC%PµPSPSCñ PïPµCñC,,CfP·C-C— PeCñPsPIC- C,P° PjPsP¶Pµ P±CfC,Pë PíCñPëC±PëPSPsCñ P·PjPµPSCëPµPSPSCñ CÍPëPjPíC,PsPjC-PI PrPsP±CñPsCñPeC-CÍPSPsC— PiC-PïPµCñPïP»P°P·C-C— PïPµCñPµPrPjC-C...CfCñPsPIPsC— P·P°P»PsP·Pë. PjC- CÍCfPrPëPSPSC- PµC,,PµPeC,Pë PjPsP¶CfC,Cñ P±CfC,Pë PrPsPïPsPIPsPµPSC-

C-PSPIc-P±CíPIP°PSPSCIJ P°PeC,PëPIPSPIsCÍc,C- P°C,,PµCḡPµPSC,PSPëC... PSPµCḡPIC-PI CÍPµC±PsPIPsPiPs PjC-C...CíCḡP° C,P° CḡPµP»P°PeCÍP°C†C-C"ḡ PiP»P°PrPePëC... Pjḡ™ CÍP·C-PI PiCḡPsCÍc,P°C,Pë C- CÍPµC±PsPIPsPiPs PjC-C...CíCḡP°.

PḡP°CḡPjP°PePsPrPëPSP°PjC-C±PSC- PµC,,PµPeC,Pë

P"PsCÍP»C-PrP¶PµPSPSCIJ *in vitro* PiPsPeP°P·P°P»Pë, C%Ps C,P°PrP°P»P°C,,C-P» C" CÍPµP»PµPeC,PëPIPSPëPj C-PSPIc-P±C-C,PSCḡPsPj PḡP"·P· 5. PḡP"·P· 5 ḡḡ" C,,PµCḡPjPµPSC,, CÍPePëPñ P±CíPI P·PSP°PñPrPµPSPëPñ Cí PiP»P°PrPePëC... Pjḡ™ CÍP·P°C... PiPµC±PµCḡPëCÍc,PsPiPs C,C-P»P°, CÍCíPrPëPSPSPëC... C- PIC-CÍc†PµCḡP°P»CḡPSPëC... PiP»P°PrPePëC... Pjḡ™ CÍP·P°C..., CÍPePµP»PµC,PSPëC... Pjḡ™ CÍP·P°C..., C,CḡPsPjP±PsC†PëC,P°C..., PSPëCḡPeP°C..., P»PµPiPµPSCIJc... C- PjPsP·PsC±PeCí. P'PiP»PëPI C,P°PrP°P»P°C,,C-P»Cí PSP° PḡP"·P· 5 CÍPëP»CḡPSC-CëPëPñ, PSC-P¶ PSP° C-PSCëC- C,,PsCÍc,,PsPrC-PµCÍc,PµCḡP°P·Pë. P"ḡ-C-Í C,P°PrP°P»P°C,,C-P»Cí PSP° PḡP"·P· 5 Cí 10000 CḡP°P·C-PI PiPµCḡPµPIPëC%CíC" PñPsPiPs PIPiP»PëPI PSP° C,,PµCḡPjPµPSC,Pë PḡP"·P· 1, PḡP"·P· 2, PḡP"·P· 4 C- PḡP"·P· 7, C%Ps C" PSP°CÍPIPSPëPjPë Cí CÍPµCḡC†C-, PjPsP·PeCí, CÍCíPrPëPSP°C..., PiPµC±C-PSC†C-, P»PµPñPePsC†PëC,P°C..., CÍPePµP»PµC,PSC-Pñ PjCíCíPeCíP»P°C,CíCḡC- C,P° C-PSCëPëC... PsCḡPiP°PSP°C.... PÿP°PrP°P»P°C,,C-P» Cí 10000 CḡP°P·C-PI PiPsC,CíP¶PSC-CëPëPñ C%PsPrPs PḡP"·P· 5 PiPsCḡC-PIPSCIIPSPs P· PḡP"·P· 3, C%Ps C" C,,PµCḡPjPµPSC,PsPj, PSP°CÍPIPSPëPj Cí CÍPµCḡC†C- C,P° PeCḡPsPIPsPSPsCÍPSPëC... CÍCíPrPëPSP°C.... P|CÍ CÍPµP»PµPeC,PëPIPSC-CÍc,Cḡ C%PsPrPs PḡP"·P· 5 PiPsCḡC-PIPSCIIPSPs P· PḡP"·P· 3 C" PIP°P¶P»PëPIPsCḡ, C,PsPjCí C%Ps PḡP"·P· 3 C" C,,PµCḡPjPµPSC,PsPj, CÍPePëPñ PIC-PrC-PiCḡP°C" PiPµPIPSCí CḡPsP»Cḡ Cí CÍPePsCḡPsC±PµPSPSC- CÍPµCḡC†PµPIPsiPs Pjḡ™ CÍP·P°. PḡCḡC-Pj C,PsPiPs, C,P°PrP°P»P°C,,C-P» PiCḡPëP±P»PëP·PSPs Cí 700 CḡP°P·C-PI PiPsC,CíP¶PSC-CëPëPñ C%PsPrPs PḡP"·P· 5 PiPsCḡC-PIPSCIIPSPs P· PḡP"·P· 6, C%Ps C" C,,PµCḡPjPµPSC,PsPj, PSP°CÍPIPSPëPj Cí CÍc-C,PeC-PIC†C- C- PIC-PrPiPsPIC-PrP°P»CḡPSPëPj P·P° C,,PsC,PsC,CḡP°PSCÍPrCíPeC†C-Cḡ. PÿP°PrP°P»P°C,,C-P» C,P°PePsP¶ Cí 10000 CḡP°P·C-PI PiPsC,CíP¶PSC-CëPëPñ C%PsPrPs PḡP"·P· 5 PiPsCḡC-PIPSCIIPSPs P· PḡP"·P· 7, PḡP"·P· 8, PḡP"·P· 9 C- PḡP"·P· 10.

PḡP»C-PSC-C±PSP° PµC,,PµPeC,PëPIPSC-CÍc,Cḡ C,P° P±PµP·PiPµPeP°

Pj P·PrPsCḡPsPIPëC... PrPsP±CḡPsPIPsP»CḡC†C-PI C,P°PrP°P»P°C,,C-P» PSPµ PIPëCÍPIP»CÍc C-CÍc,PsC,PSPsC— CḡC-P·PSPëC†C- PiPsCḡC-PIPSCIIPSPs P· PiP»P°C†PµP±Ps P·P° PiPsPeP°P·PSPëPeP°PjPë CÍPëCÍc,PsP»C-C±PSPsPiPs C,P° PrC-P°CÍc,PsP»C-C±PSPsPiPs P°CḡC,PµCḡC-P°P»CḡPSPsPiPs C,PëCÍPeCí Cí PiPsP»PsP¶PµPSPSC- PiP°C†C-C"ḡPSC,P° P»PµP¶P°C±Pë (CÍPµCḡPµPrPSC" PjP°PeCÍPëPjP°P»CḡPSPµ P·PSPëP¶PµPSPSCIJ 1,6/0,8 PjPj CḡC,. CÍc,. PIC-PrPiPsPIC-PrPSPs), CÍPëCÍc,PsP»C-C±PSPsPiPs C,P° PrC-P°CÍc,PsP»C-C±PSPsPiPs P°CḡC,PµCḡC-P°P»CḡPSPsPiPs C,PëCÍPeCí Cí PiPsP»PsP¶PµPSPSC- PiP°C†C-C"ḡPSC,P° CÍc,PsCÍc±Pë (CÍPµCḡPµPrPSC" PjP°PeCÍPëPjP°P»CḡPSPµ P·PSPëP¶PµPSPSCIJ 0,2/4,6 PjPj CḡC,. CÍc,. PIC-PrPiPsPIC-PrPSPs) C,P° C-CÍc,PsC,PSPsC— P·PjC-PSPë C±P°CÍc,PsC,Pë CÍPµCḡC†PµPIPëC... CÍPePsCḡPsC±PµPSCḡ.

Pj C...PsPrC- PrPsCÍP»C-PrP¶PµPSPSCIJ PIPiP»PëPICí C,P°PrP°P»P°C,,C-P»Cí PSP° P·C-Cḡ P- PIPëPePsCḡPëCÍc,P°PSPSCIJ Pj C,PµCÍc,Cí PsC†C-PSPePë PePsP»CḡPsCḡPsPIPsPiPs CÍPiCḡPëPñPSCIJc,C,CÍ Farnsworth-Munsell 100 Hue P±CíP»Ps PICÍc,P°PSPsPIP»PµPSPs, C%Ps C,P°PrP°P»P°C,,C-P» PSPµ PiPsPiC-CḡCëCíC" CḡPsP·PiC-P·PSP°PIP°PSPSCIJ PePsP»CḡPsCḡC-PI (CÍPëPSC-Pñ·P·PµP»PµPSPëPñ). PḡC,CḡPëPjP°PSC- PrP°PSC- PeP»C-PSC-C±PSPsPiPs PrPsCÍP»C-PrP¶PµPSPSCIJ PiC-PrC,PIPµCḡPµPrP¶CíCḡC,Cḡ PSPëP·CḡPeCí CÍPiPsCḡC-PrPSPµPSC-CÍc,Cḡ C,P°PrP°P»P°C,,C-P»Cí C%PsPrPs PḡP"·P· 6

PiPsC7C-PIPSCIPSPs P· PαP”P· 5. PJ C...PsPrC- PICÍC-C... PeP»C-PSC-C#PSPeC... PrPsCÍP»C-PrP¶PµPSC7C 7C-PrPePs (< 0,1 %) PiPsPIC-PrPsPjP»CIP»Pë PiC7Ps P·PjC-PSPë PI C7PsP·PiC-P·PSP°PIP°PSPSC- PePsP»C7PsC7C-PI.

P’CíP»Ps PiC7PsPIPµPrPµPSPs C,C7Pë PeP»C-PSC-C#PSPeC... PrPsCÍP»C-PrP¶PµPSPSCIP P· CíC#P°CÍC,C7 C#PsP»PsPIC-PeC-PI PrP»CIP PsC†C-PSPePë PiPsC,PµPSC†C-PNëPSPsPiPs PIPiP»PëPICí PSP° CÍPiPµC7PjP°P,C,PsPiPµPSPµP· C,P°PrP°P»P°C,,C-P»Cí PI PrPsP·C- 10 PjPi (PsPrPSPµ PrPsCÍP»C-PrP¶PµPSPSCIP C,C7PëPIP°P»C-CÍC,C7 6 PjC-CÍC7C†C-PI) C,P° PI PrPsP·C- 20 PjPi (PsPrPSPµ PrPsCÍP»C-PrP¶PµPSPSCIP C,C7PëPIP°P»C-CÍC,C7 6 PjC-CÍC7C†C-PI C- PsPrPSPµ 7C” C,C7PëPIP°P»C-CÍC,C7 9 PjC-CÍC7C†C-PI) PiC7Pë C#P°CÍC,PsC,C- PiC7PëPNëPsPjCí 1 C7P°P· PSP° PrPsP±Cí. PJ C...PsPrC- PrPIPsC... C-P· C,C7C7PsC... PrPsCÍP»C-PrP¶PµPSC7C CÍPiPsCÍC,PµC7C-PiP°P»PsCÍCIP PeP»C-PSC-C#PSPs PSPµP·PSP°C#CíC%oPµ P·PSPëP¶PµPSPSCIP PeC-P»C7PePsCÍC,C- C,P° PePsPSC†PµPSC,C7P°C†C-C— CÍPiPµC7PjPë, P°CÍPsC†C-PNëPsPIP°PSPµ P· PiC7PëPNëPsPjPsPj C,P°PrP°P»P°C,,C-P»Cí. PíC- PµC,,PµPeC,Pë PSPµ P±CíP»Pë PiPsPiB7™ CIP·P°PSC- P·C- P·PjC-PSP°PjPë C-PSCePëC... C...P°C7P°PeC,PµC7PëCÍC,PëPe, C,P°PePëC... CIPe C7CíC...P»PëPIC-CÍC,C7 CÍPiPµC7PjP°P,C,PsP·PsC—PrC-PI, PjPsC7C,,PsP»PsPiC-CIP C,P° C7C-PIPµPSC7C C,,PsP»C-PeCíP»PsCÍC,PëPjCíP»C7C7C#PsPiPs PiPsC7PjPsPSCí PI PeC7PsPIC-.

*P·C7PµPeC,PëP»C7PSP° PrPëCÍC,,C2PSPeC†C-CIP*

PÿC7Pë PeP»C-PSC-C#PSC- PrPsCÍP»C-PrP¶PµPSPSCIP P±CíP»Pë PiC7PsPIPµPrPµPSC- P·P° CíC#P°CÍC,C7 1054 PiP°C†C-C”PSC,C-PI P· PjPµC,PsC7 PIPëCIPIP»PµPSPSCIP PiPµC7C-PsPrCí PiPsC#P°C,PeCí PµC,,PµPeC,Cí C,P°PrP°P»P°C,,C-P»Cí, CIPePëPNë PiC7PsPrPµPjPsPSCÍC,C7CíPIP°PI CÍC,P°C,PëCÍC,PëC#PSPs P·PSP°C#CíC%oPµ PiPsPeC7P°C%oPµPSPSCIP PµC7PµPeC,PëP»C7PSPsC— C,,CíPSPeC†C-C—, P° C,P°PePsP¶ PrC-C”PIC-CÍC,C7 PiC7PsC,CIPiPsPj 36 PiPsPrPëPS C,P° PIPëCIPIP»PµPSPSCIP PµC,,PµPeC,Cí PIP¶Pµ C#PµC7PµP· 16 C...PIPëP»PëPS PiC-CÍP»CIP PiC7PëPNëPsPjCí PrPsP·Pë PiPsC7C-PIPSCIPSPs P· PiP»P°C†PµP±Ps (PiC7PëPNëPsPj C,P°PrP°P»P°C,,C-P»Cí P·P° PiPsC,C7PµP±Pë).

PÿP°PrP°P»P°C,,C-P» Cí PrPsP·P°C... PIC-Pr 2 PrPs 100 PjPi PsC†C-PSC7PIP°PICÍCIP Cí C...PsPrC- 16 PeP»C-PSC-C#PSPeC... PrPsCÍP»C-PrP¶PµPSC7C P·P° CíC#P°CÍC,C7 3250 PiP°C†C-C”PSC,C-PI, CIPeC- PIPeP»C7C#P°P»Pë PiP°C†C-C”PSC,C-PI P· PµC7PµPeC,PëP»C7PSPsC7 PrPëCÍC,,CíPSPeC†C-C”C7 C7C-P·PSPsC— C,CIP¶PµPePsCÍC,C- (PiPsPjC-C7PSP°, CÍPµC7PµPrPSC7PsC— C,CIP¶PµPePsCÍC,C-, P·PSP°C#PSP°), C7C-P·PSPsC— PµC,C-PsP»PsPiC-C—, PiP°C†C-C”PSC,C-PI C7C-P·PSPsPiPs PIC-PeCí (PIC-PePsPj PIC-Pr 21 PrPs 86 C7PsPeC-PI) C,P° C7C-P·PSPeC... PµC,PSC-C#PSPeC... PiC7CíPi. PJ P±C-P»C7C7PsCÍC,C- PiP°C†C-C”PSC,C-PI PµC7PµPeC,PëP»C7PSP° PrPëCÍC,,CíPSPeC†C-CIP CÍPiPsCÍC,PµC7C-PiP°P»P°CÍCIP PiC7PsC,CIPiPsPj PSPµ PjPµPSCePµ PsPrPSPsPiPs C7PsPeCí. PJ C...PsPrC- PiPµC7PIPëPSPSPeC... PrPsCÍP»C-PrP¶PµPSC7C PµC,,PµPeC,PëPIPSPsCÍC,C- PePsPµC,,C-C†C-C”PSC, PiPsPeC7P°C%oPµPSPSCIP CÍC,P°PSCí CÍC,P°PSPsPIPëPI 81 % Cí PiC7CíPiC- P·P°CÍC,PsCÍCíPIP°PSPSCIP C,P°PrP°P»P°C,,C-P»Cí PiPsC7C-PIPSCIPSPs P· 35 % Cí PiC7CíPiC- PiP»P°C†PµP±Ps. P7C7C-Pj C,PsPiPs, Cí PiP°C†C-C”PSC,C-PI P· PµC7PµPeC,PëP»C7PSPsC7 PrPëCÍC,,CíPSPeC†C-C”C7 C7C-P·PSPsPiPs CÍC,CíPiPµPSCIP C,CIP¶PµPePsCÍC,C- PiPsPIC-PrPsPjP»CIP»PsCÍCIP PiC7Ps PiPsPeC7P°C%oPµPSPSCIP CÍC,P°PSCí PiC-Pr C#P°Cí PiC7PëPNëPsPjCí C,P°PrP°P»P°C,,C-P»Cí (PePsPµC,,C-C†C-C”PSC, CíCíPiC-CePSPeC... CÍPiC7PsP± CÍC,P°PSPsPIPëPI 86 %, 83 % C,P° 72 % Cí PiP°C†C-C”PSC,C-PI P· PµC7PµPeC,PëP»C7PSPsC7 PrPëCÍC,,CíPSPeC†C-C”C7 PiPsPjC-C7PSPsC—, CÍPµC7PµPrPSC7PsC— C,P°B P·PSP°C#PSPsC— C,CIP¶PµPePsCÍC,C- PIC-PrPiPsPIC-PrPSPs PiPsC7C-PIPSCIPSPs P· 45 %, 42 % C,P° 19 % Cí PiC7CíPiC- PiP»P°C†PµP±Ps). PJ C...PsPrC- PiPµC7PIPëPSPSPeC... PrPsCÍP»C-PrP¶PµPSC7C

РμC,,PμPeC,PëPIPSsCÍC,C- PePsPμC,,C-C†C-C"psc, CíCÍPíC-C€PSPëC... CÍPíCĤPsP± CÍC,P°PSPsPIPëPI 75 % Cí PiCĤCíPíC- P·P°CÍC,PsCÍCíPíP°PSPSCÍ C,P°PrP°P»P°C,,C-P»Cí PíPsCĤC-PIPSCÍPSPs P· 32 % Cí PiCĤCíPíC- PíP»P°C†PμP±Ps.

PJ C...PsPrC- PrPsCÍP»C-PrP¶PμPSPSCÍ C,CĤPëPIP°P»C-CÍC,CĤ 12 C,PëP¶PSC-PI P· CíC†P°CÍC,CĤ 186 PíP°C†C-C"psc,C-PI (142 PíP°C†C-C"psc,Pë PsC,CĤPëPjCíPíP°P»Pë C,P°PrP°P»P°C,,C-P», 44 PíP°C†C-C"psc,Pë BĤ" PíP»P°C†PμP±Ps) C-P· PIC,PsCĤPëPSPSPsCĤ PμCĤPμPeC,PëP»CĤPSPsCĤ PrPëCÍC,,CíPSPeC†C-C"Ĥ C%oPsPrPs PíPsC€PePsPrP¶PμPSPSCÍ CÍPíPëPSPSPsPíPs PjPsP·PeCí C,P°PrP°P»P°C,,C-P» PíCĤPsCÍPIP»CÍPI P·PSP°C†PSPμ PíPsPeCĤP°C%oP°PSPSCÍ PμCĤPμPeC,PëP»CĤPSPsC— C,,CíPSPeC†C-C—, P° Cí CÍPμCĤPμPrPSCĤPsPjCí PePsPμC,,C-C†C-C"psc, CíCÍPíC-C€PSPëC... CÍPíCĤPsP± PíCĤPë PíCĤPëPñPsPjC- C,P°PrP°P»P°C,,C-P»Cí PI PrPsP·C- 10 PjPi P°P±Ps 20 PjPi (PíC-PrP±C-CĤ PrPsP·Pë, P·P°CÍC,PsCÍCíPíP°PSPSCÍ P·P° PíPsC,CĤPμP±Pë) CÍC,P°PSPsPIPëPI 48 % PíPsCĤC-PIPSCÍPSPs P· 17 % Cí PiCĤCíPíC- PíP»P°C†PμP±Ps.

PÿP°PrP°P»P°C,,C-P» Cí PrPsP·P°C... 2,5 PjPi, 5 PjPi C,P° 10 PjPi 1 CĤP°P· PSP° PrPsP±Cí PsC†C-PSCĤPIP°P»Pë Cí C...PsPrC- 3 PeP»C-PSC-C†PSPëC... PrPsCÍP»C-PrP¶PμPSCĤ P· CíC†P°CÍC,CĤ 853 PíP°C†C-C"psc,C-PI CĤC-P·PSPsPíPs PIC-PeCí (PIC-PePsPj PIC-Pr 21 PrPs 82 CĤPsPeC-PI) C,P° CĤC-P·PSPëC... PμC,PSC-C†PSPëC... PíCĤCíPí P· PμCĤPμPeC,PëP»CĤPSPsCĤ PrPëCÍC,,CíPSPeC†C-C"Ĥ CĤC-P·PSPëC... CÍC,CíPíPμPSC-PI C,CÍP¶PePsCÍC,C- (P»PμPíPePëPñ, CÍPμCĤPμPrPSC-Pñ, C,CÍP¶PePëPñ) C,P° CĤC-P·PSPsC— PμC,C-PsP»PsPíC-C—. PJ C...PsPrC- PrPIPSC... PíPμCĤPIPëPSPSPëC... PrPsCÍP»C-PrP¶PμPSCĤ PμC,,PμPeC,PëPIPSsCÍC,C- Cí P·P°PíP°P»CĤPSC-Pñ PíPsPíCíP»CÍC†C-C— Cí CÍPμCĤPμPrPSCĤPsPjCí PePsPμC,,C-C†C-C"psc, CíCÍPíC-C€PSPëC... CÍPíCĤPsP± P±CíPI 57 % C,P° 67 % PíCĤPë PíCĤPëPñPsPjC- C,P°PrP°P»P°C,,C-P»Cí 5 PjPi C,P° 50 % PíCĤPë PíCĤPëPñPsPjC- C,P°PrP°P»P°C,,C-P»Cí 2,5 PjPi PíPsCĤC-PIPSCÍPSPs P· 31 % C,P° 37 % Cí PiCĤCíPíC- PíP»P°C†PμP±Ps. PJ PrPsCÍP»C-PrP¶PμPSPSCÍC... P· CíC†P°CÍC,CĤ PíP°C†C-C"psc,C-PI C-P· PIC,PsCĤPëPSPSPsCĤ PμCĤPμPeC,PëP»CĤPSPsCĤ PrPëCÍC,,CíPSPeC†C-C"Ĥ C%oPsPrPs PrC-P°P±PμC,Cí Cí CÍPμCĤPμPrPSCĤPsPjCí PePsPμC,,C-C†C-C"psc, CíCÍPíC-C€PSPëC... CÍPíCĤPsP± CÍC,P°PSPsPIPëPI 41 % C,P° 46 % PíCĤPë PíCĤPëPñPsPjC- C,P°PrP°P»P°C,,C-P»Cí PI PrPsP·C- 5 PjPi C,P° 2,5 PjPi PIC-PrPíPsPIC-PrPSPs PíPsCĤC-PIPSCÍPSPs P· 28 % Cí PiCĤCíPíC- PíP»P°C†PμP±Ps. P·C-P»CĤC€C-CÍC,CĤ PíP°C†C-C"psc,C-PI Cí PíPëC%oPμPSP°PIPμPrPμPSPëC... PrPsCÍP»C-PrP¶PμPSPSCÍC... CĤP°PSC-C€Pμ PíCĤPëPñPjP°P»Pë C-PSPíC-P±C-C,PsCĤPë PαP°P· 5 Cí CĤP°P·C- PíPsC,CĤPμP±Pë. PJ PSP°CÍC,CíPíPSPsPjCí PrPsCÍP»C-PrP¶PμPSPSC- 217 PíP°C†C-C"psc,C-PI, CÍPeC- CĤP°PSC-C€Pμ PSPμ P·P°CÍC,PsCÍCíPíP°P»Pë C-PSPíC-P±C-C,PsCĤPë PαP°P· 5, PsC,CĤPëPjCíPíP°P»Pë C,P°PrP°P»P°C,,C-P» Cí PrPsP·C- 5 PjPi 1 CĤP°P· PSP° PrPsP±Cí C,P° PíP»P°C†PμP±Ps. PJ CÍPμCĤPμPrPSCĤPsPjCí PePsPμC,,C-C†C-C"psc, CíCÍPíC-C€PSPëC... CÍPíCĤPsP± CÍC,P°PSPsPIPëPI 68 % Cí PiCĤCíPíC- PíCĤPëPñPsPjCí C,P°PrP°P»P°C,,C-P»Cí PíPsCĤC-PIPSCÍPSPs P· 52 % Cí PiCĤCíPíC- PíP»P°C†PμP±Ps.

*P°PsP±CĤPsCÍPeC-CÍPSP° PíC-PíPμCĤPíP»P°P·C-CÍ PíPμCĤPμPrPjC-C...CžCĤPsPIPsC— P·P°P»PsP·Pë*

P—P°CÍC,PsCÍCíPíP°PSPSCÍ C,P°PrP°P»P°C,,C-P»Cí PrPsCÍP»C-PrP¶CíPíP°P»PsCÍCÍ Cí C...PsPrC- C†PsC,PëCĤCĤPsC... PeP»C-PSC-C†PSPëC... PrPsCÍP»C-PrP¶PμPSCĤ, C%oPs C,CĤPëPIP°P»Pë 12 C,PëP¶PSC-PI, P·P° CíC†P°CÍC,CĤ 1500 PíP°C†C-C"psc,C-PI C-P· CÍPëPjPíC,PsPjP°PjPë PrPsP±CĤPsCÍPeC-CÍPSPsC— PíC-PíPμCĤPíP»P°P·C-C— PíPμCĤPμPrPjC-C...CíCĤPsPIPsC— P·P°P»PsP·Pë. PJ C...PsPrC- C†PëC... PeP»C-PSC-C†PSPëC... PrPsCÍP»C-PrP¶PμPSCĤ C,P°PrP°P»P°C,,C-P» Cí PrPsP·C- 5 PjPi PíCĤPsPrPμPjPsPSCÍC,CĤCíPíP°PI PíPsPeCĤP°C%oPμPSPSCÍ CÍC,P°PSCí PíP°C†C-C"psc,P°

P·P° P·P°PiP°P»CH̄PSPsC̄H PjC-P¶PSP°C̄H̄PsPrPSPsC̄H C̄ĒPeP°P»PsC̄H  
PiC̄H̄PsC̄ĪC,P°C,P̄eC̄±PSP̄eC... C̄ĪP̄ēPjPiC,PsPjC-PI (P̄H̄P̄ĒP̄ūP̄Ȳ) PiPsC̄H̄C-PIPC̄ĪPSPs P·  
PiP°P°C̄ĪP̄ūP̄±Ps (PsC̄ĪC-PSP̄eP̄ē PiPsPeC̄H̄P°C%̄ōP̄ūPSPSC̄Ī P·P° P̄H̄P̄ĒP̄ūP̄Ȳ PiC̄H̄P̄ē  
PiC̄H̄P̄ēP̄N̄ēPsPjC- C,P°PrP°P»P°C,,C-P»C̄r C̄r PrPsP·C- 5 PjPi C̄ĪC,P°PSPsPIP»C̄ĪC,C̄H̄ B̄H̄“4,8,  
B̄H̄“5,6, B̄H̄“6,1 C,P° B̄H̄“6,3, PiPsC̄H̄C-PIPC̄ĪPSPs P· B̄H̄“2,2, B̄H̄“3,6 B̄H̄“3,8, B̄H̄“4,2 C̄r C̄H̄P°P·C-  
PiC̄H̄P̄ēP̄N̄ēPsPjC̄r PiP°P°C̄ĪP̄ūP̄±Ps). P̄ūPsPeC̄H̄P°C%̄ōP̄ūPSPSC̄Ī C̄ĪC,P°PSC̄r PiP°C̄ĪC-C”PSC,P°  
P·P° P·P°PiP°P»CH̄PSPsC̄H P̄H̄P̄ĒP̄ūP̄Ȳ C̄ĪPiPsC̄ĪC,P̄ūC̄H̄C-PiP°P»PsC̄ĪC̄Ī PIP¶P̄ū PiC-Cl̄P»C̄Ī  
PiP̄ūC̄H̄C̄ĒPsPiPs C,P̄eP¶PSC̄Ī P»C-PeC̄rPIP°PSPSC̄Ī. P’ PsPrPSPsPjC̄r P· PeP»C-PSC-C̄±PSP̄eC...  
PrPsC̄ĪP»C-PrP¶P̄ūPSPSC̄H, PrP̄ū C̄ĪPe P°PeC,P̄ēPIPSP̄ēP̄N̄ē PePsPjPiP°C̄H̄P°C,PsC̄H̄ C,P°PePsP¶  
P±C̄rPI PIPeP»C̄H̄C̄±P̄ūPSP̄ēP̄N̄ē C,P°PjC̄ĪC̄rP»PsP·P̄ēPS C̄r PrPsP·C- 0,4 PjPi, PsC̄ĪC-PSP̄eP̄ē  
PiPsPeC̄H̄P°C%̄ōP̄ūPSPSC̄Ī P·P° P̄H̄P̄ĒP̄ūP̄Ȳ PiC̄H̄P̄ē PiC̄H̄P̄ēP̄N̄ēPsPjC- C,P°PrP°P»P°C,,C-P»C̄r PI  
PrPsP·C- 5 PjPi, C,P°PjC̄ĪC̄rP»PsP·P̄ēPSC̄r C,P° PiP°P°C̄ĪP̄ūP̄±Ps C̄ĪC,P°PSPsPIP̄ēP»P̄ē B̄H̄“6,3,  
B̄H̄“5,7 B̄H̄“4,2 PIC-PrPiPsPIC-PrPSPs.

PJ C...PsPrC- PsPrPSPsPiPs P· C̄ĪP̄ēC... PrPsC̄ĪP»C-PrP¶P̄ūPSPSC̄H PsC̄ĪC-PSC̄HPIP°P»P̄ē C̄ĪPe  
PiPsPeC̄H̄P°C%̄ōP̄ūPSPSC̄Ī P̄ūC̄H̄P̄ūPeC,P̄ēP»CH̄PSPsC— C,,C̄rPSPeC̄ĪC-C—, C,P°Pe C-  
PiPsC̄ĪP»P°P±P»P̄ūPSPSC̄Ī C̄ĪP̄ēPjPiC,PsPjiPI PrPsP±C̄H̄PsC̄ĪPeC-Cl̄PSPsC—  
PiC-PiP̄ūC̄H̄PiP»P°P·C-C— PiP̄ūC̄H̄P̄ūPrPjC-C...C̄rC̄H̄PsPIP̄sC— P·P°P»PsP·P̄ē C̄r  
PiP°C̄ĪC-C”PSC,C-PI, C̄ĪPeC- PjP°P»P̄ē PsP±P̄ēPrPIP° C̄ĪC,P°PSP̄ē. P̄ūPsPeC̄H̄P°C%̄ōP̄ūPSPSC̄Ī  
P̄ūC̄H̄P̄ūPeC,P̄ēP»CH̄PSPsC— C,,C̄rPSPeC̄ĪC-C— P·P° PjC-P¶PSP°C̄H̄PsPrPSP̄ēPj  
C-PSPrP̄ūPeC̄ĪPsPj PsC̄ĪC-PSP̄eP̄ē P̄ūC̄H̄P̄ūPeC,P̄ēP»CH̄PSPsC— C,,C̄rPSPeC̄ĪC-C— C,P° P·P°  
P̄H̄P̄ĒP̄ūP̄Ȳ C̄ĪC,P°PSPsPIP̄ēP»Ps 6,5 C,P° B̄H̄“6,1 C̄r C̄H̄P°P·C- PiC̄H̄P̄ēP̄N̄ēPsPjC̄r  
C,P°PrP°P»P°C,,C-P»C̄r PI PrPsP·C- 5 PjPi PiPsC̄H̄C-PIPC̄ĪPSPs P· 1,8 C,P° B̄H̄“3,8 C̄r PiC̄H̄C̄rPiC-  
PiP°P°C̄ĪP̄ūP̄±Ps PIC-PrPiPsPIC-PrPSPs. PJ C̄ĪP̄ūC̄H̄P̄ūPrPSPSC̄HPsPjC̄r PIC-PrC̄ĪPsC,PsPe  
C̄rC̄ĪPiC-C̄ĒPSP̄ēC... C̄ĪPiC̄H̄PsP± C̄ĪC,P°C,P̄ūPIP̄sPiPs P°PeC,C̄r PSP° PsPrPSC̄r PsC̄ĪPsP±C̄r PI  
PrPsC̄ĪP»C-PrP¶P̄ūPSPSC- C̄ĪC,P°PSPsPIP̄ēPI 71,9 % C̄r PiC̄H̄C̄rPiC- PiC̄H̄P̄ēP̄N̄ēPsPjC̄r  
C,P°PrP°P»P°C,,C-P»C̄r PI PrPsP·C̄rPIP°PSPSC- 5 PjPi C,P° 48,3 % B̄H̄“ C̄r PiC̄H̄C̄rPiC-  
PiP°P°C̄ĪP̄ūP̄±Ps.

P̄ūC-PrC,C̄H̄P̄ēPjPeP° PrPsC̄ĪC̄ĪPiPSC̄rC,PsPiPs P̄ūC,,P̄ūPeC,C̄r C,P°PrP°P»P°C,,C-P»C̄r  
PsC̄ĪC-PSC̄HPIP°P»P°C̄ĪC̄Ī C̄r C...PsPrC- PrPsPrP°C,PePsPIP̄sPiPs PIC-PrPeC̄H̄P̄ēC,PsPiPs  
PrPsC̄ĪP»C-PrP¶P̄ūPSPSC̄Ī, P·P° C̄H̄P̄ūP·C̄rP»CH̄C,P°C,P°PjP̄ē C̄ĪPePsPiPs P±C̄rP»Ps  
PIC̄ĪC,P°PSPsPIP»P̄ūPSPs, C%̄ōPs PiPsPeC̄H̄P°C%̄ōP̄ūPSPSC̄Ī P·P° P·P°PiP°P»CH̄PSPsC̄H  
P̄H̄P̄ĒP̄ūP̄Ȳ, C%̄ōPs C̄ĪPiPsC̄ĪC,P̄ūC̄H̄C-PiP°P»PsC̄ĪC̄Ī PiC̄H̄PsC,C̄ĪPiPsPj 12 C,P̄eP¶PSC-PI,  
P·P±P̄ūC̄H̄C-PiP°C”C,CH̄C̄ĪC̄Ī PrPsPrP°C,PePsPIP̄s PrPs 1 C̄H̄PsPeC̄r PiC-Cl̄P»C̄Ī  
P»C-PeC̄rPIP°PSPSC̄Ī C,P°PrP°P»P°C,,C-P»PsPj C̄r PrPsP·C- 5 PjPi.

*P”C-C,P̄ē*

P’C̄rP»Ps PiC̄H̄PsPIP̄ūPrP̄ūPSPs PsPrPSP̄ū PrPsC̄ĪP»C-PrP¶P̄ūPSPSC̄Ī P· C̄rC̄±P°C̄ĪC,C̄H̄  
PrC-C,P̄ūP̄N̄ē P· PjB̄H̄™ C̄ĪP·PsPIP̄sC̄H PrP̄ēC̄ĪC,C̄H̄PsC,,C-C”C̄H P”C̄H̄C̄ĒP̄ūPSP° (P̄H̄P”P”), C̄r  
C̄ĪPePsPjC̄r PiC-PrC,PIP̄ūC̄H̄PrP¶P̄ūPSP̄ēC... PrPsPeP°P·C-PI P̄ūC,,P̄ūPeC,P̄ēPIPSPsC̄ĪC,C- PSP̄ū  
P±C̄rP»Ps PiC̄H̄PsPrP̄ūPjPsPSC̄ĪC,C̄H̄PsPIP°PSPs. P̄īP̄ū PrPsC̄ĪP»C-PrP¶P̄ūPSPSC̄Ī  
P̄ūC,,P̄ūPeC,P̄ēPIPSPsC̄ĪC,C- C,P°PrP°P»P°C,,C-P»C̄r P±C̄rP»Ps C̄H̄P°PSPPrPjC-P·PsPIP°PSP̄ēPj  
PiPsPrPIC-P̄N̄ēPSP̄ēPj C̄ĪP»C-PiP̄ēPj PiP°P°C̄ĪP̄ūP̄±Ps-PePsPSC,C̄H̄PsP»CH̄PsPIP°PSP̄ēPj, C̄r  
C,C̄H̄C̄H̄PsC... PiP°C̄H̄P°P»P̄ūP»CH̄PSP̄ēC... PiC̄H̄C̄rPiP°C... P· C̄rC̄±P°C̄ĪC,C̄H̄ 331 PrP̄ēC,P̄ēPSP̄ē  
C̄±PsP»PsPIC-C̄±PsC— C̄ĪC,P°C,C- PIC-PePsPj PIC-Pr 7 PrPs 14 C̄H̄PsPeC-PI P· P̄H̄P”P”, C̄ĪPeC-  
PsPrPSPsC̄±P°C̄ĪPSPs PsC,C̄H̄P̄ēPjC̄rPIP°P»P̄ē C,P̄ūC̄H̄P°PiC-C̄H̄  
PePsC̄H̄C,P̄ēPePsC̄ĪC,P̄ūC̄H̄PsC—PrP°PjP̄ē. P”PsC̄ĪP»C-PrP¶P̄ūPSPSC̄Ī PIPeP»C̄H̄C̄±P°P»Ps 48-  
C,P̄eP¶PSP̄ūPIP̄ēP̄N̄ē PiPsPrPIC-P̄N̄ēPSP̄ēP̄N̄ē C̄ĪP»C-PiP̄ēP̄N̄ē PiP̄ūC̄H̄C-PsPr, PiC-Pr C̄±P°C̄Ī  
C̄ĪPePsPiPs PiP°C̄ĪC-C”PSC,P̄ē P±C̄rP»P̄ē C̄H̄PsP·PrC-P»P̄ūPSC- PSP° PiC̄H̄C̄rPiP̄ē

РiСҫРёРНёPsPjCр C, P°PpP»P°C,,C-P»Cр 0,3 PjPi/PePi, C, P°PpP»P°C,,C-P»Cр 0,6 PjPi/PePi  
P°P±Ps PиP»P°C†PµP±Ps C%PsPrPµPSPSPs. PÿP°PpP»P°C,,C-P» PSPµ  
PиCҫPsPrPµPjPsPSCГC, CҫCрPиP°Pи PµC,,PµPeC, PёPIPSPsCГC, C- Cр PиPµCҫPиPёPSPSC-PNё  
PeC-PSC†PµPIC-PNё C, PsC†C†C- C%PsPrPs CГPиPsPIC-P»CҫPSPµPSPSCГ P·PSPёP¶PµPSPSCГ  
CёPIPёPrPePsCГC, C- C...PsPrCҫP±Pё, PиPёPjC-CҫCГPSPsC— P·P° P·PjC-PSPsCҫ  
PrPёCГC, P°PSC†C-C— Cр C, PµCГC, C- P· 6-C...PиPёP»PёPSPSPsCҫ C...PsPrCҫP±PsCҫ (PÿPёPГ).  
P—PjC-PSP° CГPµCҫPµPrPSCҫPsPiPs P·PSP°C†PµPSPSCГ PrPёCГC, P°PSC†C-C— Cр PÿPёPГ,  
CҫPsP·CҫP°C...PsPиP°PSPsPiPs P·P° PjPµC, PsPrPsPj PSP°PNёPjPµPSCёPёC... PePиP°PrCҫP°C, C-PI,  
PSP° 48-PjCр C, PёP¶PSC- CГC, P°PSPsPиPёP»P° 51,0 Pj Cр PиCҫCрPиC- PиP»P°C†PµP±Ps  
PиPsCҫC-PиPSCГPSPs P· 64,7 Pj Cр PиCҫCрPиC- C, P°PpP»P°C,,C-P»Cр 0,3 PjPi/PePi (Cҫ =  
0,307) C, P° 59,1 Pj Cр PиCҫCрPиC- C, P°PpP»P°C,,C-P»Cр 0,6 PjPi/PePi (Cҫ = 0,538).  
PµC-PrC, PиPµCҫPrP¶PµPSCр PµC,,PµPeC, PёPIPSC-CГC, Cҫ C, P°PePsP¶ PSPµ P±CрP»Ps  
PиPёCГPиP»PµPSPs C- PиC-Pr C†P°CГ PиPsPIC, PsCҫPSPёC... P°PSP°P»C-P-C-PI  
CҫPµP·CрP»CҫC, P°C, C-PI PrP°PSPsPiPs PrPsCГP»C-PrP¶PµPSPSCГ. P—P°PиP°P»CҫPSC-  
CҫPµP·CрP»CҫC, P°C, Pё P· P±PµP·PиPµPePё, PsC, CҫPёPjP°PSC- Pи C†CҫPsPjCр  
PrPsCГP»C-PrP¶PµPSPSC-, Pи C†C-P»PsPjCр PIC-PrPиPsPIC-PrP°P»Pё PIC-PrPsPjPsPjCр  
PиCҫPsC,,C-P»Cҫ P±PµP·PиPµPePё C, P°PpP»P°C,,C-P»Cр C, P° PSPµP±P°P¶P°PSPёPj  
CГPиPёC%P°Pj, PsC†C-PeCрPиP°PSPёPj Cр PиPµPrC-P°C, CҫPёC†PSC-PNё PиPsPиCрP»CГC†C-C—  
PҫP”P” PиCҫPё P»C-PeCрPиP°PSPSC- PePsCҫC, PёPePsCГC, PµCҫPsC—PrP°PjPё.

Р°P°CҫPjP°PePsPeC-PSPµC, PёPeP°

P’CГPjPsPeC, CзPIP°PSPSCГ. PÿP°PpP»P°C,,C-P» PrPsP±CҫPµ PICГPjPsPeC, CрC”C, CҫCГCГ  
PиC-CГP»CГ PиCҫPёРНёPsPjCр PиPSCрC, CҫC-CёPSCҫPs. PÿPµCҫPµPrPSCГ  
PjP°PeCГPёPjP°P»CҫPSP° PePsPSC†PµPSC, CҫP°C†C-CГ Cр PиP»P°P·PjC- PeCҫPsPIC- (Pÿ<sub>max</sub>)  
PrPsCГCГPиP°C”C, CҫCГCГ Pи CГPµCҫPµPrPSCҫPsPjCр C†PµCҫPµP· 2 PиPsPrPёPSPё  
PиC-CГP»CГ PиCҫPёРНёPsPjCр. PҫP±CГPsP»CҫC, PSP° P±C-PsPrPsCГC, CрPиPSC-CГC, Cҫ  
C, P°PpP»P°C,,C-P»Cр PиC-CГP»CГ PиCҫPёРНёPsPjCр PиPµCҫPsCҫP°P»CҫPSPs PSPµ  
PICГC, P°PSPsPиP»CҫPиP°P»P°CГCҫ.

PёPIPёPrPeC-CГC, Cҫ C- CГC, CрPиC-PSCҫ PICГPjPsPeC, CрPиP°PSPSCГ C, P°PpP»P°C,,C-P»Cр  
PSPµ P·P°P»PµP¶P°C, Cҫ PIC-Pr PиP¶PёPIP°PSPSCГ C—P¶C-, C, PsPjCр C, P°PpP»P°C,,C-P»  
PjPsP¶PSP° PиCҫPёРНёPjP°C, Pё PSPµP·P°P»PµP¶PSPs PIC-Pr PиP¶PёPIP°PSPSCГ C—P¶C-. PҫP°CГ  
CрPиPµPrPµPSPSCГ PrPsP·Pё (CҫP°PSPsPe P°P±Ps PиPµC†C-Cҫ) PSPµ PjP°Pи PeP»C-PSC-C†PSPs  
P·PSP°C†CрC%PsPiPs PµC,,PµPeC, Cр PSP° CёPIPёPrPeC-CГC, Cҫ C- CГC, CрPиC-PSCҫ  
PICГPjPsPeC, CрPиP°PSPSCГ.

P PsP·PиPsPrC-P». PÿPµCҫPµPrPSC-PNё PsP±Bҫ™C”Pj CҫPsP·PиPsPrC-P»Cр CГC, P°PSPsPиPёC, Cҫ  
PиCҫPёP±P»PёP·PSPs 63 P», PиPeP°P·CрCҫC†Pё PSP° C, Pµ, C%Ps C, P°PpP»P°C,,C-P»  
CҫPsP·PиPsPrC-P»CГC”C, CҫCГCГ Cр C, PeP°PSPёPSP°C.... PµCҫPё  
C, PµCҫP°PиPµPIC, PёC†PSPёC... PePsPSC†PµPSC, CҫP°C†C-CГC... 94 % C, P°PpP»P°C,,C-P»Cр Cр  
PиP»P°P·PjC- PeCҫPsPIC- P·PиBҫ™CГP·P°PSPs P· PиCҫPsC, PµC—PSP°PjPё. PкP°  
P·PиBҫ™CГP·CрPиP°PSPSCГ P· PиCҫPsC, PµC—PSP°PjPё PSPµ PиPиP»PёPIP°C”  
PиPsCҫCрCёPµPSPSCГ C,,CрPSPeC†C-C— PSPёCҫPsPe.

PҫPµPSCёPµ 0,0005 % CрPиPµPrPµPSPsC— PrPsP·Pё P±CрP»Ps PиPёCГPиP»PµPSPs Pи  
CГPиPµCҫPjC- P·PrPsCҫPsPиPёC... PrPsP±CҫPsPиPsP»CҫC†C-PI.

PҫPµC, P°P±PsP»C-P·Pj. PÿP°PpP»P°C,,C-P» PиPµCҫPµPиP°P¶PSPs  
PjPµC, P°P±PsP»C-P·CрC”C, CҫCГCГ C-P·PsC,,PsCҫPjPsCҫ 3Pҫ4 C†PёC, PsC...CҫPsPjCр P 450

(CYP). PkCTPSPsPIPSPëPj C†PëCĤPeCfP»CĤCĤC†PëPj PjPµC,P°P±PsP»C-C,PsPj C”  
PjPµC,PëP»PeP°C,PµC...PsP»PiP»CĤPeCfCĤPsPSC-Pr. P|PµPNë PjPµC,P°P±PsP»C-C, PjP°C”  
P°PeC,PëPIPSC-CfC,CĤ C%PsPrPs PαP”P• 5 Cr 13000 CĤP°P·C-PI PjPµPSCëPµ, PSC-P¶  
C,P°PrP°P»P°C,,C-P». PÿP°PePëPj C†PëPSPsPj, PsC†C-PeCfC”C,CĤCfCfCf, C%Ps  
PjPµC,P°P±PsP»C-C, PSPµ P±CfPrPµ PIPëCfPIP»CfC,Pë PeP»C-PSC-C†PSPsC—  
P°PeC,PëPIPSPsCfC,C- Cr PePsPSC†PµPSC,CĤP°C†C-CfC..., C%Ps  
CfPiPsCfC,PµCĤC-PiP°CĤC,CĤCfCfCf.

P’PëPIPµPrPµPSPSCf. PÿPµCĤPµPrPSC-PNë PeP»C-CĤPµPSCf PiPµCĤPsCĤP°P»CĤPSPsPiPs  
C,P°PrP°P»P°C,,C-P»Cr CfC,P°PSPsPIPëC,CĤ 2,5 P»/PiPsPr, P° CfPµCĤPµPrPSC-PNë  
PiPµCĤC-PsPr PSP°PiC-PIPIPëPIPµPrPµPSPSCf bĤ” 17,5 PiPsPrPëPSPë Cr P·PrPsCĤPsPIPëC...  
PrPsP±CĤPsPIPsP»CĤC†C-PI. PÿP°PrP°P»P°C,,C-P» PIPëPIPsPrPëC,CĤCfCfCf  
PiPµCĤPµPIP°P¶PSPs Cr PIPëPiP»CfPrC- PSPµP°PeC,PëPIPSPëC... PjPµC,P°P±PsP»C-C,C-PI,  
P±C-P»CĤCëPsCĤ PjC-CĤPsCĤ P· C,,PµPeP°P»C-CfPjPë (PiCĤPëP±P»PëP·PSPs 61 % PrPsP·Pë)  
C- PjPµPSCëPsCĤ bĤ” C-P· CfPµC†PµCĤ (PjP°PNëP¶Pµ 36 % PrPsP·Pë).

P>C-PSC-PNëPSC-CfC,CĤ/PSPµP»C-PSC-PNëPSC-CfC,CĤ C,,P°CĤPjP°PePsPeC-PSPµC,PëPePë.  
PαP°CĤPjP°PePsPeC-PSPµC,PëPeP° C,P°PrP°P»P°C,,C-P»Cr Cr P·PrPsCĤPsPIPëC...  
PrPsP±CĤPsPIPsP»CĤC†C-PI P»C-PSC-PNëPSPs PiCĤPsPiPsCĤC†C-PNëPSP° PrPs  
C†P°CfCf C- PrPsP·Pë. P’ PrC-P°PiP°P·PsPSC- PrPsP· PIC-Pr 2,5 PrPs 20 PjPi  
PµPeCfPiPsP·PëC†C-Cf (AUC) PiC-PrPIPëC%CrC”C,CĤCfCfCf PiCĤPsPiPsCĤC†C-PNëPSPs PrPs  
PrPsP·Pë. PµPsCfC,C-PNëPSP° PePsPSC†PµPSC,CĤP°C†C-Cf Cr PiP»P°P·PjC- PeCĤPsPIC-  
PrPsCfCfPiP°C”C,CĤCfCfCf PiCĤPsC,CfPiPsPj  
5 PrPSC-PI PiCĤPë C%PsPrPµPSPSPsPjCr PiCĤPëPNëPsPjC- 1 CĤP°P· PSP° PrPsP±Cf.

PαP°CĤPjP°PePsPeC-PSPµC,PëPeP° PiCĤPµPiP°CĤP°C,Cf PsPrPSP°PePsPIP° Cr  
PiP°C†C-C”PSC,C-PI P· PµCĤPµPeC,PëP»CĤPSPsCĤ PrPëCfC,,CfPSPeC†C-C”CĤ C,P° Cr  
PiP°C†C-C”PSC,C-PI P±PµP· PSPµC—.

*PĤPeCĤPµPjC- PiCĤCzPiPë PSP°CfPµP»PµPSPSCf*

PĤCfPsP±Pë P»C-C,PSCHPsPiPs PIC-PeCz. P—PrPsCĤPsPIC- PrPsP±CĤPsPIPsP»CĤC†C-  
P»C-C,PSCHPsPiPs PIC-PeCf (PIC-PePsPj PIC-Pr 65 CĤPsPeC-PI) PjP°P»Pë PSPëP¶C†C-  
P·PSP°C†PµPSPSCf PeP»C-CĤPµPSCfCf C,P°PrP°P»P°C,,C-P»Cr PiCĤPë PiCĤPëPNëPsPjC-  
PIPSCfC,CĤC-CëPSCĤPs, C%Ps PiCĤPëP·PIPsPrPëP»Ps PrPs PiC-PrPIPëC%PµPSPSCf PSP°  
25 % AUC PiPsCĤC-PIPSCfPSPs P·C- P·PrPsCĤPsPIPëPjPë PrPsP±CĤPsPIPsP»CĤC†CfPjPë  
PIC-PePsPj 19bĤ”45 CĤPsPeC-PI. P|PµPNë PIC-PePsPIPëPNë PµC,,PµPeC, PSPµ C”  
PeP»C-PSC-C†PSPs P·PSP°C†CfC%PëPj C- PSPµ PiPsC,CĤPµP±CfC” CĤPµPiCfP»CĤPIP°PSPSCf  
PrPsP·Pë.

PµP°C†C-C”PSC,Pë P· PSPëCĤPePsPIPsCĤ PSPµPrPsCfC,P°C,PSC-CfC,CĤ. Pj C...PsPrC-  
PrPsCfP»C-PrP¶PµPSCĤ P· PeP»C-PSC-C†PSPsC— C,,P°CĤPjP°PePsP»PsPiC-C— C-P·  
P·P°CfC,PsCfCfPIP°PSPSCfPj PsPrPëPSPëC†PSPsC— PrPsP·Pë C,P°PrP°P»P°C,,C-P»Cr  
(5bĤ”20 PjPi) AUC C,P°PrP°P»P°C,,C-P»Cr PiCĤP°PeC,PëC†PSPs PiPsPrPIPsC—P»P°CfCfCf  
Cf PiP°C†C-C”PSC,C-PI P·C- CfP»P°P±PePsCĤ (PeP»C-CĤPµPSCf  
PeCĤPµP°C,PëPSC-PSCf PIC-Pr 51 PrPs 80 PjP»/C...PI) P°P±Ps PiPsPjC-CĤPSPsCĤ  
(PeP»C-CĤPµPSCf PeCĤPµP°C,PëPSC-PSCf PIC-Pr 31 PrPs 50 PjP»/C...PI) PSPëCĤPePsPIPsCĤ  
PSPµPrPsCfC,P°C,PSC-CfC,CĤ, P° C,P°PePsP¶ Cr PiP°C†C-C”PSC,C-PI P· PsCfC,P°PSPSCHPsCĤ  
CfC,P°PrC-C”CĤ PSPëCĤPePsPIPsC— C...PIPsCĤPsP±Pë PSP° PrC-P°P»C-P·C-. Pj  
PiP°C†C-C”PSC,C-PI, CfPeC- P·PSP°C...PsPrPëP»PëCfCfCf PSP° PiPµPjPsPrC-P°P»C-P·C-, Pÿ<sub>max</sub>  
P±CfP»P° PSP° 41 % PIPëC%P°, PSC-P¶ Cr P·PrPsCĤPsPIPëC...



PrPsP±CḡPsPIPsP»CHC†C-PI. P'PiP»PēPIPsPj PiPμPjPsPrC-P°P»C-P·Cf PSP°  
PIPēPIPμPrPμPSPSCḡ C,P°PrP°P»P°C,,C-P»Cf PjPsPḡPSP° P·PSPμC...C,CfPIP°C,Pē.

PμP°C†C-C" PSC,Pē P· PiPμC†C-PSPePsPIPsCḡ PSPμPrPsC†C,P°C,PSC-C†C,Cḡ. AUC  
C,P°PrP°P»P°C,,C-P»Cf Cf PiP°C†C-C" PSC,C-PI P·C- C†P»P°P±PePsCḡ C,P°  
PiPsPjC-CḡPSPsCḡ PiPμC†C-PSPePsPIPsCḡ PSPμPrPsC†C,P°C,PSC-C†C,Cḡ (PeP»P°C†Pē  
Pḡ C,P° P' P·P° CēPeP°P»PsCḡ PḡP°PNēP»PrP° Bḡ " PμBḡ™ Cḡ) C"  
PiPsCḡC-PIPSCḡPSPSPsCḡ P· PμPeC†PiPsP·PēC†C-C" Cḡ Cf P·PrPsCḡPsPIPēC...  
PrPsP±CḡPsPIPsP»CHC†C-PI PiCḡPē P·P°C†C,PsC†C†PIP°PSPSC- PrPsP·Pē 10 PjPi.  
P"°PSC- C%oPsPrPs P±PμP·PiPμC†PSPsC†C,C- PiCḡPēP·PSP°C†PμPSPSCḡ  
C,P°PrP°P»P°C,,C-P»Cf PiP°C†C-C" PSC,P°Pj C-P· C,CḡPḡPePsCḡ PiPμC†C-PSPePsPIPsCḡ  
PSPμPrPsC†C,P°C,PSC-C†C,Cḡ (PeP»P°C† Pḡ P·P° CēPeP°P»PsCḡ PḡP°PNēP»PrP° Bḡ " PμBḡ™ Cḡ)  
PsP±PjPμPḡPμPSC-. PkPμPjP°C" PrP°PSPēC... C%oPsPrPs P·P°C†C,PsC†C†PIP°PSPSCḡ  
C,P°PrP°P»P°C,,C-P»Cf PI PrPsP·C- 1 CḡP°P· PSP° PrPsP±Cf PiP°C†C-C" PSC,P°Pj C-P·  
PiPμC†C-PSPePsPIPsCḡ PSPμPrPsC†C,P°C,PSC-C†C,Cḡ. P>C-PeP°Cḡ PiPsPIPēPSPμPS  
C†PIP°PḡPSPs PsC†C-PSPēC,Pē C-PSPrPēPIC-PrC†P°P»CHPSC- PiPμCḡPμPIP°PiPē /  
CḡPēP·PēPePē PiCḡPēP·PSP°C†PμPSPSCḡ C,P°PrP°P»P°C,,C-P»Cf PI PrPsP·C†PIP°PSPSC- 1  
CḡP°P· PSP° PrPsP±Cf.

PμP°C†C-C" PSC,Pē, C...PIPsCḡC- PSP° C†CzPeCḡPsPIPēPNē PrC-P°P±PμC,,. AUC  
C,P°PrP°P»P°C,,C-P»Cf Cf C...PIPsCḡPēC... PSP° PrC-P°P±PμC, P±C†P»P° PiCḡPēP±P»PēP·PSPs  
PSP° 19 % PSPēPḡC†P°, PSC-Pḡ AUC Cf P·PrPsCḡPsPIPēC... PrPsP±CḡPsPIPsP»CHC†C-PI. P†Cḡ  
CḡC-P·PSPēC†Cḡ PI PμPeC†PiPsP·PēC†C-C— PSPμ PiPsC,CḡPμP±C†C"  
CḡPμPiC†P»CḡPIP°PSPSCḡ PrPsP·Pē.

**РъР»С-РSC-С†РSC- С...Р°СḡР°РeC,РμCḡPēC†C,РēРePē**

**PμPsPeP°P·P°PSPSCḡ**

P"°P»Cḡ PrPsP·CzPIP°PSPSCḡ 2,5 PjPi. P>C-PeC†PIP°PSPSCḡ PμCḡPμPeC,PēP»CHPSPsC—  
PrPēC†C,,C†PSPeC†C-C— Cf PrPsCḡPsC†P»PēC... C†PsP»PsPIC-PeC-PI. PμCḡPμPiP°CḡP°C,  
PμC,,PμPeC,PēPIPSPēPNē PiCḡPē PSP°CḡPIPSPsC†C,C- C†PμPeC†C†P°P»CHPSPsC—  
C†C,PēPjC†P»CḡC†C-C—.

P"°P»Cḡ PrPsP·CzPIP°PSPSCḡ 5 PjPi. P>C-PeC†PIP°PSPSCḡ C†PēPjPiC,PSPjC-PI  
PrPsP±CḡPsCḡPeC-C†PSPsC— PiC-PiPμCḡPiP»P°P·C-C— PiPμCḡPμPrPjC-C...C†CḡPsPIPsC—  
P·P°P»PsP·Pē Cf PrPsCḡPsC†P»PēC... C†PsP»PsPIC-PeC-PI. P>C-PeC†PIP°PSPSCḡ  
PμCḡPμPeC,PēP»CHPSPsC— PrPēC†C,,C†PSPeC†C-C— Cf PrPsCḡPsC†P»PēC...  
C†PsP»PsPIC-PeC-PI. PμCḡPμPiP°CḡP°C, PμC,,PμPeC,PēPIPSPēPNē PrP»Cḡ P»C-PeC†PIP°PSPSCḡ  
PμCḡPμPeC,PēP»CHPSPsC— PrPēC†C,,C†PSPeC†C-C— PiCḡPē PSP°CḡPIPSPsC†C,C-  
C†PμPeC†C†P°P»CHPSPsC— C†C,PēPjC†P»CḡC†C-C—.

P"°P»Cḡ PrPsP·CzPIP°PSPSCḡ 10 PjPi. P>C-PeC†PIP°PSPSCḡ PμCḡPμPeC,PēP»CHPSPsC—  
PrPēC†C,,C†PSPeC†C-C— Cf PrPsCḡPsC†P»PēC... C†PsP»PsPIC-PeC-PI.  
PμCḡPμPiP°CḡP°C, PμC,,PμPeC,PēPIPSPēPNē PrP»Cḡ P»C-PeC†PIP°PSPSCḡ  
PμCḡPμPeC,PēP»CHPSPsC— PrPēC†C,,C†PSPeC†C-C— PiCḡPē PSP°CḡPIPSPsC†C,C-  
C†PμPeC†C†P°P»CHPSPsC— C†C,PēPjC†P»CḡC†C-C—.

P"°P»Cḡ PrPsP·CzPIP°PSPSCḡ 20 PjPi. P>C-PeC†PIP°PSPSCḡ PμCḡPμPeC,PēP»CHPSPsC—

PrPëCÍC,,CíPSPeC†C-C— Cí PrPsCĤPsCÍP»PëC... C†PsP»PsPIC-PeC-PI. PıCĤPıPİP°CĤP°C,  
PıC,,PıPeC,PëPIPSPëPNë PrP»Cı P»C-PeCÍPIP°PSPSCı PıCĤPıPeC,PëP»CĤPSPSC—  
PrPëCÍC,,CíPSPeC†C-C— PıCĤPë PSP°CıPIPSPsCÍC,C- CÍPıPeCÍCÍP°P»CĤPSPSC—  
CÍC,PëPjCÍP»CıC†C-C—.

PÿP°PrP°P»P°C,,C-P» PSPı PİPsPeP°P°PSPëPNë PrP»Cı P·P°CÍC,PsCÍCÍPIP°PSPSCı  
P¶C-PSPeP°Pj.

**PıCĤPsC,PëPİPsPeP°P°PSPSCı**

PıC-PrPIPëC%PıPSP° C†CÍC,P»PëPIC-CÍC,CĤ PrPs C,P°PrP°P»P°C,,C-P»CÍ P°P±Ps PrPs  
P±CÍPrCĤ-CıPePsPiPs C-PSC€PsPiPs PePsPjPİPsPSPıPSC,P° PıCĤPıPİP°CĤP°C,CÍ.

PJ C...PsPrC- PeP»C-PSC-C†PSPëC... PrPsCÍP»C-PrP¶PıPSCĤ C,P°PrP°P»P°C,,C-P»  
PIPëCıPIPëPI PIP»P°CÍC,PëPIC-CÍC,CĤ PİPsCÍPëP»CĤPIP°C,Pë PıC-PİPsC,PıPSP·PëPIPSPëPNë  
PıC,,PıPeC, PSC-C,CĤP°C,C-PI. P'PIP°P¶P°C"C,CĤCÍCı, C%Ps C†Pı C" PSP°CÍP»C-PrPePsPj  
PePsPjP±C-PSPsPIP°PSPsPiPs PİPİP»PëPICÍ PıC,,PıPeC,C-PI PSC-C,CĤP°C,C-PI C,P°  
C,P°PrP°P»P°C,,C-P»CÍ PSP° C€P»CıC... PsPeCÍPëPr P°P·PsC,CÍ / C†P"PhPα. PÿP°PePëPj  
C†PëPSPsPj, C,P°PrP°P»P°C,,C-P» PıCĤPsC,PëPİPsPeP°P°PSPëPNë PİP°C†C-C"PSC,P°Pj, CıPeC-  
P·P°CÍC,PsCÍPsPICÍCĤC,CĤ PsCĤPıP°PSC-C†PSC- PSC-C,CĤP°C,Pë CÍ P±CÍPrCĤ-CıPeC-PNë  
P»C-PeP°CĤCÍCĤPeC-PNë C,,PsCĤPjC- (PrPëPI. CĤPsP·PrC-P» B«P'P°C"PjPsPrC-Cı P·  
C-PSC€PëPjPë P»C-PeP°CĤCÍCĤPePëPjPë P·P°CÍPsP±P°PjPë C,P° C-PSC€C- PİPëPrPë  
PIP·P°C"PjPsPrC-PNëB»).

PÿP°PrP°P»P°C,,C-P» PSPı CÍP»C-Pr P·P°CÍC,PsCÍPsPICÍPIP°C,Pë C†PsP»PsPIC-PeP°Pj C-P·  
CÍPıCĤC†PıPIPëPjPë P·P°C...PIPSCĤCĤPIP°PSPSCıPjPë, PrP»Cı CıPePëC...  
CÍPıPeCÍCÍP°P»CĤPSP° P°PeC,PëPIPSC-CÍC,CĤ C" PSPıP±P°P¶P°PSPsCĤ. P»C-PeP°CĤC-  
PİPsPIPëPSPSC- P·PIP°P¶P°C,Pë PSP° PİPsC,PıPSC†C-PNëPSPëPNë CÍPıCĤC†PıPIPëPNë  
CĤPëP·PëPe, P°CÍPsC†C-PNëPsPIP°PSPëPNë C-P· CÍPıPeCÍCÍP°P»CĤPSPsCĤ  
P°PeC,PëPIPSC-CÍC,CĤ, CÍ PİP°C†C-C"PSC,C-PI C-P· CÍPıCĤC†PıPIPİs-CÍCÍPrPëPSPSPëPjPë  
P·P°C...PIPSCĤCĤPIP°PSPSCıPjPë Pİ P°PSP°PjPSPıP·C-.

PkPëP¶C†PıP·P°P·PSP°C†PıPSC- PıCĤCÍPİPë PİP°C†C-C"PSC,C-PI C-P· CÍPıCĤC†PıPIPİs-  
CÍCÍPrPëPSPSPëPjPë P·P°C...PIPSCĤCĤPIP°PSPSCıPjPë PSPı P±CÍP»Pë PİPeP»CĤC†PıPSC- CÍ  
PeP»C-PSC-C†PSC- PrPsCÍP»C-PrP¶PıPSPSCı, C,PsPjCÍ P·P°CÍC,PsCÍCÍPIP°PSPSCı  
C,P°PrP°P»P°C,,C-P»CÍ PrP»Cı PSPëC... PıCĤPsC,PëPİPsPeP°P°PSPı:

- PİP°C†C-C"PSC,Pë P· C-PSC,,P°CĤPeC,PsPj PjC-PsPeP°CĤPrP° PıCĤPsC,CıPiPsPj  
PsCÍC,P°PSPSC-C... 90 PrPSC-PI;

- PİP°C†C-C"PSC,Pë P· PSPıCÍC,P°P±C-P»CĤPSPsCĤ CÍC,PıPSPsPeP°CĤPrC-C"CĤ P°P±Ps  
CÍC,PıPSPsPeP°CĤPrC-C"CĤ, C%Ps PİPëPSPëPeP°C" PıC-Pr C†P°CÍ CÍC,P°C,PıPIPëC...  
P°PeC,C-PI;

- PİP°C†C-C"PSC,Pë C-P· CÍPıCĤC†PıPIPİsCĤ PSPıPrPsCÍC,P°C,PSC-CÍC,CĤ, C%Ps  
PIC-PrPİPsPIC-PrP°C" PeP»P°CÍCÍ 2 P°P±Ps PİPëC%Pı P·P° PeP»P°CÍPëC,,C-PeP°C†C-C"CĤ  
PkCĤCĤ-P™ PsCĤPeCÍCĤPePsC— P°CÍPsC†C-P°C†C-C— CÍPıCĤC†Cı, PıCĤPsC,CıPiPsPj  
PsCÍC,P°PSPSC-C... 6 PjC-CÍCıC†C-PI;

- PİP°C†C-C"PSC,Pë P· PSPıPePsPSC,CĤPsP»CĤPsPIP°PSPsCĤ P°CĤPëC,PjC-C"CĤ,  
P°CĤC,PıCĤC-P°P»CĤPSPsCĤ PıC-PİPsC,PıPSP·C-C"CĤ ( 90/50 PjPj CĤC.. CÍC,.) P°P±Ps

PSPμPePsPSC, CḡPsP»CHḡPsPIP°PSPsCḡ P°CḡC, PμCḡC-P°P»CHḡPSPsCḡ  
PiC-PiPμCḡC, PμPSP·C-C”Cḡ;

- PiP°C†C-C”PSC, Pē PiC-C†P»Cḡ C-PSC†C†P»CHḡC, C†, C%Ps C†C, P°PIC†Cḡ PiCḡPsC, CḡPiPsPj  
PsC†C, P°PSPSC-C... 6 PjC-C†CḡC†C-PI.

PŷP°PrP°P»P°C,,C-P» PiCḡPsC, PēPiPsPeP°P·P°PSPēPNē PiP°C†C-C”PSC, P°Pj C-P· PIC, CḡP°C, PsCḡ  
P·PsCḡC† PsPrPSPsPiPs PsPeP° PI CḡPμP·C†P»CHḡC, P°C, C- PSPμP°CḡC, PμCḡC-P°P»CHḡPSPsC—  
PiPμCḡPμPrPSCḡPsC— C-C€PμPjC-C†PSPsC— PsPiC, PēC†PSPsC— PSPμPNēCḡPsPiP°C, C-C—  
(PḡPḡPμP†PḡPḡ) PSPμP·P°P»PμPḡPSPs PIC-Pr C, PsPiPs, C†Pē P±C†P»Ps C†Pμ  
PiPsPiBḡ™ CḡP·P°PSPs P· PiPsPiPμCḡPμPrPSC-Pj PIPiP»PēPIPsPj C-PSPiC-P±C-C, PsCḡC-PI  
PḡP”P· 5 (PrPēPI. CḡPsP·PrC-P» B«PḡC†PsP±P»PēPIPsC†C, C- P·P°C†C, PsC†C†PIP°PSPSCḡB»).

PŸC†PiC†C, PSC” P·P°C†C, PsC†C†PIP°PSPSCḡ C-PSPiC-P±C-C, PsCḡC-PI PḡP”P· 5, PI C, PsPjC†  
C†PēC†P»C- C, P°PrP°P»P°C,,C-P»C†, P·C- C†C, PēPjC†P»CḡC, PsCḡP°PjPē  
PiC†P°PSC-P»P°C, C†PēPeP»P°P·Pē, C, P°PePēPjPē CḡPe CḡC-PsC†PēPiC†P°C,,  
PiCḡPsC, PēPiPsPeP°P·P°PSPs, PsC†PeC-P»CHḡPePē PiPsC, PμPSC†C-PNēPSPs C†Pμ PjPsPḡPμ  
PiCḡPēP·PIPμC†C, Pē PrPs C†PēPjPiC, PsPjP°C, PēC†PSPsC— PiC-PiPsC, PμPSP·C-C— (PrPēPI.  
CḡPsP·PrC-P» B«P·P·P°C”PjPsPrC-Cḡ P· C-PSC€PēPjPē P»C-PeP°CḡC†CHḡPePēPjPē  
P·P°C†PsP±P°PjPē C, P° C-PSC€C- PIPēPrPē PIP·P°C”PjPsPrC-PNēB»).

**P’P·P°C”PjPsPrC-Cḡ P· C-PSC€PēPjPē P»C-PeP°CḡC†CHḡPePēPjPē P·P°C†PsP±P°PjPē C, P°  
C-PSC€C- PIPēPrPē PIP·P°C”PjPsPrC-PNē**

P”PsC†P»C-PrPḡPμPSPSCḡ C%PsPrPs PIP·P°C”PjPsPrC-PNē P±C†P»Ps PiCḡPsPIPμPrPμPSPs  
PrP»Cḡ PrPsP·C†PIP°PSCḡ 10 PjPi C, P° 20 PjPi, CḡPμP·C†P»CHḡC, P°C, Pē PIPeP°P·P°PSC-  
PSPēPḡC†Pμ. P©PsPrPs PrPsC†P»C-PrPḡPμPSCḡ PIP·P°C”PjPsPrC-C—, PI CḡPePēC...  
P·P°C†C, PsC†PsPIC†PIP°P»Pē C, C-P»CHḡPePē C, P°PrP°P»P°C,,C-P» C† PrPsP·C- 10 PjPi,  
PeP»C-PSC-C†PSPs P·PSP°C†C†C%P° PIP·P°C”PjPsPrC-Cḡ PiCḡPē P·P°C†C, PsC†C†PIP°PSPSC-  
PIPēC%PēC... PrPsP· PSPμ PjPsPḡPμ P±C†C, Pē PIPēPeP»CḡC†PμPSP°.

P’PiP»PēPI C-PSC€PēC... P»C-PeP°CḡC†CHḡPePēC... P·P°C†PsP±C-PI PSP° C, P°PrP°P»P°C,,C-P»

P†PSPiC-P±C-C, PsCḡPē C†PēC, PsC...CḡPsPjCž CYP450

PŷP°PrP°P»P°C,,C-P» PjPμC, P°P±PsP»C-P·C†C”C, CHḡC†Cḡ PiPμCḡPμPIP°PḡPSPs CYP3A4.  
PŸPμP»PμPeC, PēPIPSPēPNē C-PSPiC-P±C-C, PsCḡ CYP3A4 Bḡ” PePμC, P°PePsPSP°P·PsP» (200 PjPi  
C%PsPrPμPSPSPs) Bḡ” P·P±C-P»CHḡC€C†C” AUC C, P°PrP°P»P°C,,C-P»C† (10 PjPi) C† 2 CḡP°P·Pē  
C, P° PŸ<sub>max</sub> PSP° 15 % C%PsPrPs P·PSP°C†PμPSCḡ AUC C- PŸ<sub>max</sub> PsPrPSPsPiPs  
C, P°PrP°P»P°C,,C-P»C†. PḡPμC, PsPePsPSP°P·PsP» (400 PjPi PSP° PrPsP±C†) P·P±C-P»CHḡC€C†C”  
AUC C, P°PrP°P»P°C,,C-P»C† (20 PjPi) C† 4 CḡP°P·Pē, P° PŸ<sub>max</sub> Bḡ” PSP° 22 %.  
P PēC, PsPSP°PIC-Cḡ, C-PSPiC-P±C-C, PsCḡ PiCḡPsC, PμP°P· (200 PjPi PrPIC-C†C- PSP°  
PrPsP±C†), C%Ps C-PSPiC-P±C†C” CYP3A4, CYP2Pŷ9, CYP2Pŷ19 C, P° CYP2D6,  
P·P±C-P»CHḡC€C†C” AUC C, P°PrP°P»P°C,,C-P»C† (20 PjPi) C† 2 CḡP°P·Pē, PSPμ  
P·PjC-PSCḡCḡC†Pē PŸ<sub>max</sub>. PḡPsC†P° C†PiPμC†PēC,,C-C†PSC- PIP·P°C”PjPsPrC-C— PSPμ  
P±C†P»Pē PrPsC†P»C-PrPḡPμPSC-, C-PSC€C- C-PSPiC-P±C-C, PsCḡPē PiCḡPsC, PμP°P·Pē,  
C, P°PeC- CḡPe C†P°PePIC-PSP°PIC-Cḡ C, P° C-PSC€C- C-PSPiC-P±C-C, PsCḡPē CYP3A4,  
C, P°PeC- CḡPe PμCḡPēC, CḡPsPjC-C†PēPS, PeP»P°CḡPēC, CḡPsPjC-C†PēPS,  
C-C, CḡP°PePsPSP°P·PsP» C, P° PiCḡPμPNēPiC,,CḡC†C, PsPIPēPNē C†C-Pe, C†P»C-Pr  
PiCḡPēP·PSP°C†P°C, Pē P· PsP±PμCḡPμPḡPSC-C†C, Cḡ, PsC†PeC-P»CHḡPePē

PsC±C-PeCfC”C,CHCfCfCfC, C%Ps PíCfPë CíCfPjC-CfPSPsPjCf P·P°CfC,PsCfCfPIP°PSPSC-  
PIPSPSPë PíC-PrPIPëC%CrPIP°C,PëPjCfC,CH PePsPSC†PµPSC,CfP°C†C-Cf  
C,P°PrP°P»P°C,,C-P»Cf Cí PíP»P°P·PjC- PeCfPSPIC- (PrPëPI. CfPSP·PrC-P»  
B«PhCfPSP±P»PëPIPSPfCfC,C- P·P°CfC,PsCfCfPIP°PSPSCfCfB»). PíPe PSP°CfP»C-PrPsPe PjPsP¶Pµ  
PíC-PrPIPëC%CrPIP°C,PëCfCfC C±P°CfC,PsC,P° PIPëPSPëPePSPµPSPSCfC PíPsP±C-C±PSPëC...  
CfPµP°PeC†C-PNë (PrPëPI. CfPSP·PrC-P» B«PµPsP±C-C±PSC- CfPµP°PeC†C-C-B»).

*PÿCfP°PSCfPíPsCfC,PµCfPë*

P’PíP»PëPI C,CfP°PSCfPíPsCfC,PµCfC-PI, PSP°PíCfPëPeP»P°Pr p-  
PíP»C-PePsPíCfPSP,C,PµC—PSC-PI, PSP° CfPSP·PíPsPrC-P» C,P°PrP°P»P°C,,C-P»Cf  
PSPµPIC-PrPsPjPëPNë. PÿP°PePëPj C±PëPSPsPj, C-CfPSCfC” C-PjPsPIC-CfPSC-CfC,CH  
P»C-PeP°CfCfCfPSP— PIP·P°C”PjPsPrC-C—, PsPíPsCfPµCfPµPrPePsPIP°PSPsC—  
C-PSPiC-P±CfPIP°PSPSCfCfC C,CfP°PSCfPíPsCfC,PµCfC-PI.

*P†PSPPrCzPeC,PsCfPë C†PëC,PsC...CfPSPjCz CYP450*

P†PSPPrCfPeC,PsCf CYP3A4 CfPëC,,P°PjPíC-C†PëPS P·PSPëP¶CfC” AUC C,P°PrP°P»P°C,,C-P»Cf  
PSP° 88 % PíPsCfC-PIPSCfPSPs P·C- P·PSP°C±PµPSPSCfCfC AUC PíCfPë PíCfPëPNëPsPjC-  
P»PëCëPµ C,P°PrP°P»P°C,,C-P»Cf (10 PjPi). PµPsP¶PSP° PíCfPëPíCfCfC,PëC,Pë, C%Ps C,P°PePµ  
P·PSPëP¶PµPSPSCfC PePsPSC†PµPSC,CfP°C†C-C— PíCfPëP·PIPµPrPµ PrPs P·PSPëP¶PµPSPSCfC  
PµC,,PµPeC,PëPIPSPsCfC,C- C,P°PrP°P»P°C,,C-P»Cf; CíC,CfPíC-PSCH P·PSPëP¶PµPSPSCfC  
PµC,,PµPeC,PëPIPSPsCfC,C- PSPµPIC-PrPsPjPëPNë. PÿCfPíCfC,PSC” P·P°CfC,PsCfCfPIP°PSPSCfC  
C-PSCëPëC... C-PSPPrCfPeC,PsCfC-PI CYP3A4, C,P°PePëC... C¶Pe C,,PµPSPsP±P°CfP±C-C,P°P»,  
C,,PµPSC-C,PsC—PS C,P° PeP°CfP±P°PjP°P·PµPíC-PS, C,P°PePsP¶ PjPsP¶Pµ P·PSPëP¶CfPIP°C,Pë  
PePsPSC†PµPSC,CfP°C†C-Cf C,P°PrP°P»P°C,,C-P»Cf Cí PíP»P°P·PjC- PeCfPSPIC-.

*P’PíP»PëPI C,P°PrP°P»P°C,,C-P»Cz PSP° C-PSCëC- P»C-PeP°CfCfCfPëC- P·P°CfPsP±Pë*

PkC-C,CfP°C,Pë. Pj C...PsPrC- PeP»C-PSC-C±PSPëC... PrPsCfP»C-PrP¶PµPSCfC  
C,P°PrP°P»P°C,,C-P» (5 PjPi, 10 PjPi, 20 PjPi) PíCfPSPCfPIP»CfPI PIP»P°CfC,PëPIC-CfC,CH  
PíPsCfPëP»CfPIP°C,Pë PíC-PíPsC,PµPSP·PëPIPSC- PµC,,PµPeC,Pë PSC-C,CfP°C,C-PI. PÿP°PePëPj  
C±PëPSPsPj, P·P°CfC,PsCfCfPIP°PSPSCfC C,P°PrP°P»P°C,,C-P»Cf PíP°C†C-C”PSC,P°Pj, C¶PeC-  
PsC,CfPëPjCfCfC,CH P»C-PeCfPIP°PSPSCfC PsCfPíP°PSC-C±PSPëPjPë PSC-C,CfP°C,P°PjPë Cí  
P±CfPrCH-C¶PeC-PNë C,,PsCfPjC-, PíCfPSP,C,PëPíPsPeP°P·P°PSPs (PrPëPI. CfPSP·PrC-P»  
B«PµCfPSP,C,PëPíPsPeP°P·P°PSPSCfCfC»). P—P° CfPµP·CfP»CHC,P°C,P°PjPë  
PeP»C-PSC-C±PSPsPíPs PrPsCfP»C-PrP¶PµPSPSCfC P· CíC±P°CfC,Cf 150 PíP°C†C-C”PSC,C-PI,  
C¶PeC- P·P°CfC,PsCfPSPICfPIP°P»Pë C,P°PrP°P»P°C,,C-P» Cí PrPsP·C- 20 PjPi PSP° PrPsP±Cf  
PíCfPSP,C¶PíPsPj 7 PrPSC-PI C,P° PSC-C,CfPSPiP»C-C†PµCfPëPS Cí PrPsP·C- 0,4 PjPi  
CfCfP±P»C-PSPiPIP°P»CHPSPs (P· CfC-P·PSPëPj C±P°CfPsPj PíCfPëPNëPsPjCf), C†C¶  
PIP·P°C”PjPsPrC-C¶ C,CfPëPIP°P»P° P±C-P»CHCë PSC-P¶ 24 PíPsPrPëPSPë C,P° PSPµ  
PíCfPSPCfPIP»CfP»P°CfCH PíC-CfP»C¶ 48 PíPsPrPëPS PíC-CfP»C¶  
P·P°CfC,PsCfCfPIP°PSPSCfC PsCfC,P°PSPSCHPsC— PrPsP·Pë C,P°PrP°P»P°C,,C-P»Cf. PÿPsPjCf  
C¶PeC%Ps PrP»C¶ PíP°C†C-C”PSC,P°, C¶PePsPjCf PíCfPëP·PSP°C±PµPSPs C,P°PrP°P»P°C,,C-P»  
Cí P±CfPrCH-C¶PeC-PNë PrPsP·C- (2,5Bf”20 PjPi), P·P°CfC,PsCfCfPIP°PSPSCfC  
PSC-C,CfP°C,C-PI C” PjPµPrPëC±PSPsCf PSPµPsP±C...C-PrPSC-CfC,Cf PíCfPë  
P·P°PíCfPSP·P»PëPIPSPjCf PrP»C¶ P¶PëC,C,C¶ CíC,P°PSC-, C,Ps PíPµCfPµPr  
P·P°CfC,PsCfCfPIP°PSPSCfCfC PíCfPµPíP°CfP°C,C-PI PSC-C,CfP°C,C-PI PjP°C” PjPëPSCfC,Pë  
PSPµ PjPµPSCëPµ PSC-P¶ 48 PíPsPrPëPS PíC-CfP»C¶ PsCfC,P°PSPSCHPsPíPs PíCfPëPNëPsPjCf  
C,P°PrP°P»P°C,,C-P»Cf. Pj C,P°PePsPjCf PIPëPíP°PrPeCf P·P°CfC,PsCfCfPIP°PSPSCfC  
PSC-C,CfP°C,C-PI PíPsPIPëPSPSPs PIC-PrP±CfPIP°C,PëCfC¶ PíC-Pr PíPëP»CHPSPëPj  
PjPµPrPëC±PSPëPj PSP°PíP»C¶PrPsPj C-P· PSP°P»PµP¶PSPëPj PjPsPSC-C,PsCfPëPSPiPsPj

PiPμPjPsPrPëPSP°PjC-C±PSPëC... PiPsPeP°P·PSPëPeC-PI.

*PħPSC,PëPiC-PiPμCħC,PμPSP·PëPIPSC- PiCħPμPiP°CħP°C,Pë (PI C,PsPjCé C±PëCÍP»C- P±P»PsPeP°C,PsCħPë PeP°P»CħC†C-C”PIPëC... PeP°PSP°P»C-PI)*

PμC-Pr C±P°CÍ CÍCrPjC-CÍPSPsPiPs PiCħPëP·PSP°C±PμPSPSCı C,P°PrP°P»P°C,,C-P»Cr (Cr PrPsP·CÍPIP°PSPSC- 5 PjPi 1 CħP°P·PSP° PrPsP±CÍ P°P±Ps Cr PIPëPiP»CıPrC- CħP°P·PsPIPsC— PrPsP·Pë PiPs 20 PjPi) C-P· P±P»PsPeP°C,PsCħPsPj α-P°PrCħPμPSPsCħPμC†PμPiC,PsCħC-PI PrPsPeCÍP°P·PsP·PëPSPsPj (4Bħ”8 PjPi PSP° PrPsP±CÍ) CÍPiPsCÍC,PμCħC-PiP°P»PsCÍCı P·PSP°C±PSPμ PiPsCÍPëP»PμPSPSCı PiC-PiPsC,PμPSP·PëPIPSPsPiPs PμC,,PμPeC,Cr PsCÍC,P°PSPSCHsPiPs. PiPμPNë PμC,,PμPeC, C,CħPëPIP°C” PrPs 12 PiPsPrPëPS C- PjPsPıPμ PiCħPsCıPIP»CıC,PëCÍCı PsPeCħPμPjPëPjPë CÍPëPjPiC,PsPjP°PjPë, PI C,PsPjCÍ C±PëCÍP»C- Cr PIPëPiP»CıPrC- P·P°PiP°PjPsCħPsC±PμPSPSCı. PÿP°PeP° PePsPjP±C-PSP°C†C-Cı PiCħPμPiP°CħP°C,C-PI PSPμ CħPμPePsPjPμPSPPrCÍC”C,CħCÍCı PrPs P·P°CÍC,PsCÍCrPIP°PSPSCı (PrPëPI. CħPsP·PrC-P» B«PħCÍPsP±P»PëPIPSCÍC,C- P·P°CÍC,PsCÍCrPIP°PSPSCıB»).

PJ C...PsPrC- PrPsCÍP»C-PrPıPμPSCħ PIP·P°C”PjPsPrC-C— P· CrC±P°CÍC,Cħ PsP±PjPμPıPμPSPsC— PeC-P»CħPePsCÍC,C- P·PrPsCħPsPIPëC... PrPsP±CħPsPIPsP»CħC†C-PI PSPμ PiPsPIC-PrPsPjP»CıP»Pë PiCħPs PIPëC%PμPiPeP°P·P°PSC- PμC,,PμPeC,Pë PiCħPë CÍCrPjC-CÍPSPsPjCr P·P°CÍC,PsCÍCrPIP°PSPSC- P·P°P»C,,CrP·PsP·PëPSPsPj P°P±Ps C,P°PjCÍCrP»PsP·PëPSPsPj. PÿP»C-Pr P· PsP±PμCħPμPıPSC-CÍC,Cħ PiCħPëP·PSP°C±P°C,Pë C,P°PrP°P»P°C,,C-P» PiP°C†C-C”PSC,P°Pj, CıPeC- PsC,CħPëPjCÍCħC,Cħ P»C-PeCÍPIP°PSPSCı P±CÍPrCħ-CıPePëPjPë P±P»PsPeP°C,PsCħP°PjPë α-P°PrCħPμPSPsCħPμC†PμPiC,PsCħC-PI, PsCÍPsP±P»PëIPs PsCÍPsP±P°Pj P»C-C,PSCHsPiPs PIC-PeCÍ. P»C-PeCÍPIP°PSPSCı CÍP»C-Pr CħPsP·PiPsC±PëPSP°C,Pë P· PjC-PSC-PjP°P»CħPSPsPiPs PrPsP·CÍPIP°PSPSCı C,P° PiPsCÍC,CrPiPsPIPs P·P±C-P»CħC€CÍPIP°C,Pë PrPsP·CÍ.

PJ C...PsPrC- PrPsCÍP»C-PrPıPμPSCħ PeP»C-PSC-C±PSPsC— C,,P°CħPjP°PePsPrPëPSP°PjC-PePë PIPëPIC±P°P»Pë PiPsC,PμPSC†C-P°P» C,P°PrP°P»P°C,,C-P»Cr PiPsCÍPëP»CħPIP°C,Pë PiC-PiPsC,PμPSP·PëPIPSC- PμC,,PμPeC,Pë P°PSC,PëPiC-PiPμCħC,PμPSP·PëPIPSPëC... PiCħPμPiP°CħP°C,C-PI. P”PsCÍP»C-PrPıCÍPIP°P»Pë PsCÍPSPsPIPSC- PeP»P°CÍPë PiCħPμPiP°CħP°C,C-PI: P±P»PsPeP°C,PsCħPë PeP°P»CħC†C-C”PIPëC... PeP°PSP°P»C-PI (P°PjP»PsPrPëPiC-PS), C-PSPiC-P±C-C,PsCħPë P°PSPiC-PsC,PμPSP·PëPSPiPμCħPμC,PIPsCħCħPIP°P»CħPSPsPiPs C,,PμCħPjPμPSC,Cr (PμPSP°P»P°PiCħPëP»), P±P»PsPeP°C,PsCħPë β-P°PrCħPμPSPsCħPμC†PμPiC,PsCħC-PI (PjPμC,PsPiCħPsP»PsP»), C,C-P°P·PëPrPSC- PrC-CrCħPμC,PëPePë (P±PμPSPPrCħPsC,,P»CrP°P·PëPr) C,P° P±P»PsPeP°C,PsCħPë CħPμC†PμPiC,PsCħC-PI P°PSPiC-PsC,PμPSP·PëPSCr II (CħC-P·PSC- C,PëPiPë C,P° PrPsP·Pë, PsPeCħPμPjPs C,P° PI PePsPjP±C-PSP°C†C-C— P· C,C-P°P·PëPrPSPëPjPë PrC-CrCħPμC,PëPeP°PjPë, P±P»PsPeP°C,PsCħP°PjPë PeP°P»CħC†C-C”PIPëC... PeP°PSP°P»C-PI, P±P»PsPeP°C,PsCħP°PjPë β-P°PrCħPμPSPsCħPμC†PμPiC,PsCħC-PI C,P°/P°P±Ps P±P»PsPeP°C,PsCħP°PjPë α- P°PrCħPμPSPsCħPμC†PμPiC,PsCħC-PI). PÿP°PrP°P»P°C,,C-P» (Cr PrPsP·C- 10 PjPi, PeCħC-Pj PrPsCÍP»C-PrPıPμPSCħ PIP·P°C”PjPsPrC-C— P· P±P»PsPeP°C,PsCħP°PjPë CħPμC†PμPiC,PsCħC-PI P°PSPiC-PsC,PμPSP·PëPSCr II C,P° P°PjP»PsPrPëPiC-PSCr, PrPμ PIPëPIC±P°P»Pë PμC,,PμPeC, PrPsP·Pë 20 PjPi) PSPμ PIPëCıPIP»CıPI P·PSP°C±CÍC%PsC— PIP·P°C”PjPsPrC-C— P· PIPëC%PμP·P°P·PSP°C±PμPSPëPjPë PeP»P°CÍP°PjPë P»C-PeP°CħCÍCħPePëC... P·P°CÍPsP±C-PI. PJ C...PsPrC- C-PSC€PsPiPs PrPsCÍP»C-PrPıPμPSPSCı PeP»C-PSC-C±PSPsC— C,,P°CħPjP°PePsP»PsPiC-C— PrPsCÍP»C-PrPıCÍPIP°P»Pë CÍCrPiCÍC,PSC” P·P°CÍC,PsCÍCrPIP°PSPSCı

C, P°PrP°P»P°C,, C-P»Cf (PI PrPsP·C- 20 PjPi) P· PrPμPeC-P»CHPePsPjP°  
PiC-PiPsC, PμPSP·PëPIPSPëPjPë PiCtjPμPip°CtjP°C, P°PjPë (PrPs C±PsC, PëCtjCHPsC...). PJ  
Pip°CtC-C" PSC, C-PI, CjPeC- PiCtjPëPNëPjP°P»Pë PrPμPeC-P»CHPeP°  
P°PSC, PëPiC-PiPμCtjC, PμPSP·PëPIPSPëC... P·P°CfPsP±C-PI, P·PjC-PSPë  
P°CtjC, PμCtjC-P°P»CHPSPsPiPs C, PëCfPeCf P·P°P»PμP¶P°P»Pë PIC-Pr CtjC-PIPSCj  
PePsPSC, CtjPsP»Ct P°CtjC, PμCtjC-P°P»CHPSPsPiPs C, PëCfPeCf. PÿP°PePëPj C±PëPSPsPj, Cf  
Pip°CtC-C" PSC, C-PI P· PrPsP±CtjPμ PePsPSC, CtjPsP»CHPsPIP°PSPsCt  
P°CtjC, PμCtjC-P°P»CHPSPsCt PiC-PiPμCtjC, PμPSP·C-C" Ct P·PSPëP¶PμPSPSCj  
P°CtjC, PμCtjC-P°P»CHPSPsPiPs C, PëCfPeCf P±CfP»Ps PSPμP·PSP°C±PSPëPj C, P°  
PIC-PrPipPsPIC-PrP°P»Ps C, P°PePsPjCf Cf P·PrPsCtjPsPIPëC... PrPsP±CtjPsPIPsP»CHCtC-PI. PJ  
Pip°CtC-C" PSC, C-PI P· PSPμPePsPSC, CtjPsP»CHPsPIP°PSPsCt P°CtjC, PμCtjC-P°P»CHPSPsCt  
PiC-PiPμCtjC, PμPSP·C-C" Ct P·PSPëP¶PμPSPSCj P°CtjC, PμCtjC-P°P»CHPSPsPiPs C, PëCfPeCf  
P±CfP»Ps P±C-P»CHCëPëPj, C...PsC±P° Cf P±C-P»CHCëPsCfC, C- C...PIPsCtjPëC... C, P°PePμ  
P·PSPëP¶PμPSPSCj P°CtjC, PμCtjC-P°P»CHPSPsPiPs C, PëCfPeCf PSPμ  
CfCfPitjPsPIPsPrP¶CfPIP°P»PsCfCj PiC-PiPsC, PμPSP·PëPIPSPëPjPë CfPëPjPiC, PsPjP°PjPë. PJ  
Pip°CtC-C" PSC, C-PI, CjPeC- PsC, CtjPëPjCfCtC, CH CfCfPiCfC, PSCt C, PμCtjP°PiC-Ct  
P°PSC, PëPiC-PiPμCtjC, PμPSP·PëPIPSPëPjPë P»C-PeP°CtjCfCHPePëPjPë P·P°CfPsP±P°PjPë,  
P·P°CfC, PsCfCfPIP°PSPSCj C, P°PrP°P»P°C,, C-P»Cf PI PrPsP·C- 20 PjPi PjPsP¶Pμ  
PitjPëP·PIPsPrPëC, Pë PrPs P·PSPëP¶PμPSPSCj P°CtjC, PμCtjC-P°P»CHPSPsPiPs C, PëCfPeCf,  
CjPePμ (PeCtjC-Pj PIPëPip°PrPeCf CfCfPitCfC, PSCtPsPiPs P·P°CfC, PsCfCfPIP°PSPSCj P·  
P±P»PsPeP°C, PsCtjP°PjPë α-P°PrCtjPμPSPsCtjPμCtPμPiC, PsCtjC-PI) P·P°PiP°P»PsPj C"  
PSPμP·PSP°C±PSPëPj C, P° PeP»C-PSC-C±PSPs PSPμP·PSP°C±CfC%PëPj. PjPSP°P»C-P·  
PrP°PSPëC... C, CtjPμC, CHPsC— C,, P°P·Pë PeP»C-PSC-C±PSPsPiPs PrPsCfP»C-PrP¶PμPSPSCj  
PSPμ PIPëCjPIPëPi CtjC-P·PSPëCtC- Cf PipsP±C-C±PSPëC... CtjPμP°PeCtC-CjC..., C%Ps  
PIPëPSPëPeP°P»Pë Cf Pip°CtC-C" PSC, C-PI, CjPeC- PsC, CtjPëPjCfPIP°P»Pë  
P»C-PeCfPIP°PSPSCj C, P°PrP°P»P°C,, C-P»PsPj C-P· CfCfPiCfC, PSC-Pj  
P·P°CfC, PsCfCfPIP°PSPSCjPj P°PSC, PëPiC-PiPμCtjC, PμPSP·PëPIPSPëC... P·P°CfPsP±C-PI C, P°  
P»C-PeCfPIP°PSPSCj C, C-P»CHPePë C, P°PrP°P»P°C,, C-P»PsPj. PkPμP·PIP°P¶P°CtC±Pë PSP°  
CtPμ, PSPμPsP±C...C-PrPSPs PSP°PrP°PIP°C, Pë PIC-PrPipPsPIC-PrPSC-  
CtjPμPePsPjPμPSPPrP°CtC-C— C%PsPrPs PjPsP¶P»PëPIPsPiPs P·PSPëP¶PμPSPSCj  
P°CtjC, PμCtjC-P°P»CHPSPsPiPs C, PëCfPeCf Pip°CtC-C" PSC, P°Pj, CjPeC-  
P»C-PeCfCtC, CHCfCj PiC-PiPsC, PμPSP·PëPIPSPëPjPë P»C-PeP°CtjCfCHPePëPjPë  
P·P°CfPsP±P°PjPë C, P° C, P°PrP°P»P°C,, C-P»PsPj.

*P C-PsCtPëPiCáP°C,*

PJ C...PsPrC- PrPsPeP»C-PSC-C±PSPëC... PrPsCfP»C-PrP¶PμPSCt P±CfPI  
PIPëCjPIP»PμPSPëPNë P°PrPëC, PëPIPSPëPNë PiC-PiPsC, PμPSP·PëPIPSPëPNë PμC,, PμPeC, PitjPë  
CfCfPitCfC, PSCtPsPjCf PitjPëPNëPsPjC- C-PSPiC-P±C-C, PsCtjC-PI PαP" P· 5 P·  
CtjC-PsCtPëPiCfP°C, PsPj. PJ C...PsPrC- PeP»C-PSC-C±PSPëC... PrPsCfP»C-PrP¶PμPSCt  
P±CfP»Ps PIPëCjPIP»PμPSPs, C%Ps CtjC-PsCtPëPiCfP°C, PipsCfPëP»CtC"  
PiC-PiPsC, PμPSP·PëPIPSCf PrC-Ct C-PSPiC-P±C-C, PsCtjC-PI PαP" P· 5. PkPμ P±CfP»Ps  
PrPsPeP°P·C-PI CfPitjPëCjC, P»PëPIPsPiPs PeP»C-PSC-C±PSPsPiPs PμC,, PμPeC, Cf CtC-C" C—  
PePsPjP±C-PSP°CtC-C— Cf PrPsCfP»C-PrP¶CfPIP°PSC-PNë PipsPitCfP»CjCtC-C—. PÿCfPitCfC, PSC" P·P°CfC, PsCfCfPIP°PSPSCj CtjC-PsCtPëPiCfP°C, Cf P·  
C-PSPiC-P±C-C, PsCtjP°PjPë PαP" P· 5, PI C, PsPjCf C±PëCfP»C- P· C, P°PrP°P»P°C,, C-P»PsPj,

ΠΐCΉPsC,ΠēΠiPsPeP°P·P°PSPs (PrΠēPI. CΉPsP·PrC-P» B«PμCΉPsC,ΠēΠiPsPeP°P·P°PSPSCΠB»).

*P†PSPiC-P±C-C,PsCΉPē 5-α-CΉPμPrCζPeC,P°P·Pē*

PJ C...PsPrC- PeP»C-PSC-C†PSPsPiPs PrPsC†P»C-PrP¶PμPSPSCΠ, ΠI CΠPePsPjC†  
ΠiPsCΉC-PIPSCΠIP°P»Πē C†C†PjC-C†PSPμ P·P°C†C,PsC†C†PIP°PSPSCΠ C,P°PrP°P»P°C,,C-P»C†  
ΠI PrPsP·C- 5 PjPi C,P° C,,C-PSP°C†C,PμCΉPēPrC† C† PrPsP·C- 5 PjPi C-P· ΠiCΉPēPNēPsPjPsPj  
ΠiP»P°C†PμP±Ps C,P° C,,C-PSP°C†C,PμCΉPēPrC† C† PrPsP·C- 5 PjPi PrP»CΠ C†C†C†PSPμPSPSCΠ  
C†PēPjPiC,PsPjC-ΠI PrPsP±CΉPsCΠPeC-C†PSPsC— ΠiC-ΠiPμCΉPīP»P°P·C-C—  
ΠiPμCΉPμPrPjC-C...C†CΉPsPiPsC— P·P°P»PsP·Pē, PSPμ P±C†P»Ps ΠIPēCΠIP»PμPSPs  
P¶PsPrPSPēC... PSPsΠIPēC... ΠiPsP±C-C†PSPēC... CΉPμP°PeC†C-PNē. PμCΉPsC,Pμ,  
PsC†PeC-P»CΉPePē PrPsC†P»C-PrP¶PμPSPSCΠ PIP·P°C”PjPsPrC-C— P»C-PeP°CΉC†CΉPePēC...  
P·P°C†PsP±C-ΠI P· PjPμC,PsCΉ PsC†C-PSPePē PμC,,PμPeC,C-ΠI C,P°PrP°P»P°C,,C-P»C† C,P°  
C-PSPiC-P±C-C,PsCΉC-ΠI 5-α-CΉPμPrC†PeC,P°P·Pē PSPμ ΠiCΉPsPiPsPrPēP»Πē, C†P»C-Pr P·  
PsP±PμCΉPμP¶PSC-C†C,CΉ ΠiCΉPēP·PSP°C†P°C,Πē C,P°PrP°P»P°C,,C-P» ΠiP°C†C-C”PSC,P°Pj,  
CΠPeC- PsC,CΉPēPjC†CΉC,CΉ P»C-PeC†PIP°PSPSCΠ C-PSPiC-P±C-C,PsCΉP°PjPē 5-α-  
CΉPμPrC†PeC,P°P·Pē.

*CYP1Pζ2 C†CζP±C†C,CΉP°C,Pē (PSP°ΠiCΉPēPeP»P°Pr, C,PμPsC,,C-P»C-PS)*

PJ C...PsPrC- PrPsC†P»C-PrP¶PμPSPSCΠ PeP»C-PSC-C†PSPsC— C,,P°CΉPjP°PePsP»PsPiC-C—  
ΠiCΉPē ΠiCΉPēPNēPsPjC- C,P°PrP°P»P°C,,C-P»C† (ΠI PrPsP·C- 10 PjPi) P· C,PμPsC,,C-P»C-PSPsPj  
(PSPμC†PμP»PμPeC,ΠēΠIPSPēPj C-PSPiC-P±C-C,PsCΉPsPj C,,PsC†C,,PsPrC-PμC†C,PμCΉP°P·Pē)  
PSPμ C†ΠiPsC†C,PμCΉC-ΠiP°P»PsC†CΠ PSC-CΠPePsC—  
C,,P°CΉPjP°PePsPeC-PSPμC,ΠēC†PSPsC— PIP·P°C”PjPsPrC-C—. P,,PrPēPSPēPj  
C,,P°CΉPjP°PePsPrPēPSP°PjC-C†PSPēPj PμC,,PμPeC,PsPj P±C†P»Ps PSPμP·PSP°C†PSPμ  
ΠiC-PrPIPēC%PμPSPSCΠ C†PμCΉC†PμPiPsPiPs CΉPēC,PjC†. PκPμPsP±C...C-PrPSPs  
ΠICΉP°C...PsPIC†PIP°C,Πē PjPsP¶P»ΠēΠIC-C†C,CΉ ΠIPēPSPēPePSPμPSPSCΠ C†CΉPsPiPs  
PμC,,PμPeC,C† ΠiCΉPē C†C†PjC-C†PSPsPjC† P·P°C†C,PsC†C†PIP°PSPSC- C,P°PrP°P»P°C,,C-P»C†  
C,P° C,PμPsC,,C-P»C-PSC†, PSPμP·PIP°P¶P°CΉC†Pē PSP° C,Pμ, C%Ps ΠIC-PS C”  
PSPμP·PSP°C†PSPēPj C,P° PSPμ PjP°C” PeP»C-PSC-C†PSPsC— P·PSP°C†C†C%PsC†C,C-.

*P·C,ΠēPSC-P»PμC†C,CΉP°PrC-PsP» C,P° C,PμCΉP±CζC,P°P»C-PS*

PÿP°PrP°P»P°C,,C-P» ΠiC-PrPIPēC%C†PIP°ΠI P±C-PsPrPsC†C,C†ΠiPSC-C†C,CΉ  
ΠiPμCΉPsCΉP°P»CΉPSPēC... P»C-PeP°CΉC†CΉPePēC... C,,PsCΉPj P·  
PμC,ΠēPSC-P»PμC†C,CΉP°PrC-PsP»PsPj. PÿP°PePμ P·P±C-P»CΉC€PμPSPSCΠ  
P±C-PsPrPsC†C,C†ΠiPSPsC†C,C- PjPsP¶PSP° PsC†C-PeC†PIP°C,Πē ΠiCΉPē C†C†PjC-C†PSPsPjC†  
P·P°C†C,PsC†C†PIP°PSPSC- P· C,PμCΉP±C†C,P°P»C-PSPsPj (ΠiPμCΉPsCΉP°P»CΉPSPs),  
C...PsC†P° PeP»C-PSC-C†PSC- PSP°C†P»C-PrPePē C†C-C”C— PePsPjP±C-PSP°C†C-C—  
PSPμΠIC-PrPsPjC-.

*PζP»PePsPiPsP»CΉ*

PζP»PePsPiPsP»CΉ (C†PμCΉPμPrPSCΠ PjP°PeC†PēPjP°P»CΉPSP° PePsPSC†PμPSC,CΉP°C†C-CΠ  
0,08 %) PSPμ ΠIPiP»ΠēΠIP°ΠI PSP° C†C†ΠiC†C,PSC” P·P°C†C,PsC†C†PIP°PSPSCΠ  
C,P°PrP°P»P°C,,C-P»C† (ΠI PrPsP·C- 10 P°P±Ps 20 PjPi). PÿP°PePsP¶ PSPμ  
C†ΠiPsC†C,PμCΉC-ΠiP°P»PsC†CΠ P·PjC-PS PePsPSC†PμPSC,CΉP°C†C-C— C,P°PrP°P»P°C,,C-P»C†  
ΠiCΉPsC,CΠPiPsPj PSP°C†C,C†ΠiPSPēC... 3 ΠiPsPrPēPS ΠiC-C†P»CΠ PsPrPSPsC†P°C†PSPsPiPs  
ΠiCΉPēPNēPsPjC† P°P»PePsPiPsP»CΉ P· C,P°PrP°P»P°C,,C-P»PsPj. PζP»PePsPiPsP»CΉ  
P·P°C†C,PsC†PsPIC†PIP°P»Πē C,P°PePēPj C†PēPSPsPj, C%PsP± PrPsC†CΠPiPSC†C,Πē  
PjP°PeC†PēPjP°P»CΉPSPsPiPs CΉC-ΠIPSCΠ P°P±C†PsCΉP±C†C-C— P°P»PePsPiPsP»CΉ

(PíCĤPĕPNĕPsPj PSP°C,C%oPμ PíC-CÍP»CĬ PSC-C†PSPsPiPs PiPsP»PsPrCfPIP°PSPSCĬ C,P° P±PμP· PíCĤPĕPNĕPsPjCf C—P¶C- PíCĤPsC,CĬPiPsPj 2 PiPsPrPĕPS PíC-CÍP»CĬ PIP¶PĕPIP°PSPSCĬ P°P»PePsPiPsP»CĤ). PıCĤPĕPNĕPsPj C,P°PrP°P»P°C,,C-P»Cf (PI PrPsP·C- 20 PjPi) PSPμ PíCĤPĕP·PIPsPrPĕPI PrPs CÍC,P°C,PĕCÍC,PĕC†PSPs P·PSP°C†CfC%oPsPiPs P·PSPĕP¶PμPSPSCĬ CÍPμCĤPμPrPSC-C... P·PSP°C†PμPSCĤ P°CĤC,PμCĤC-P°P»CĤPSPsPiPs C,PĕCÍPeCf PSP° C,P»C- PIP¶PĕPIP°PSPSCĬ P°P»PePsPiPsP»CĤ (0,7 Pi/PePi P°P±Ps PíCĤPĕP±P»PĕP·PSPs 180 PjP» 40 % P°P»PePsPiPsP»CĤ (PiPsCĤC-P»PePĕ) C†PsP»PsPIC-PePsPj P· PjP°CÍPsCĤ C,C-P»P° 80 PePi), PíCĤPsC,Pμ Cf PrPμCĬPePĕC... PíP°C†C-C”PSC,C-PI CÍPiPsCÍC,PμCĤC-PiP°P»PsCÍCĬ PiPsCÍC,CfCĤP°P»CĤPSPμ P·P°PíP°PjPsCĤPsC†PμPSPSCĬ C- PsCĤC,PsCÍC,P°C,PĕC†PSP° PiC-PíPsC,PμPSP·C-CĬ. PıCĤPĕPNĕPsPj C,P°PrP°P»P°C,,C-P»Cf PSP° C,P»C- PSPĕP¶C†PĕC... PrPsP· P°P»PePsPiPsP»CĤ (0,6 Pi/PePi) PSPμ CÍPíCĤPĕC†PĕPSCĬPI P°CĤC,PμCĤC-P°P»CĤPSPsC— PiC-PíPsC,PμPSP·C-C—, P° P·P°PíP°PjPsCĤPsC†PμPSPSCĬ CÍPiPsCÍC,PμCĤC-PiP°P»PsCÍCĬ P· C,C-C”CĤ P¶ C†P°CÍC,PsC,PsCĤ, C%oPs PNĕ PíCĤPĕ PíCĤPĕPNĕPsPjC- C,C-P»CĤPePĕ P°P»PePsPiPsP»CĤ. P’PíP»PĕPI P°P»PePsPiPsP»CĤ PSP° PíC-P·PSP°PIP°P»CĤPSC- C,,CfPSPeC†C— PSPμ PíPsCÍPĕP»CĤPIP°PICÍCĬ PíCĤPĕ CÍCfPíCfC,PsCĤPsPjCf P·P°CÍC,PsCÍCfPIP°PSPSC- C,P°PrP°P»P°C,,C-P»Cf (PI PrPsP·C- 10 PjPi).

*P>C-PeP°CĤCÍCĤPeC- P·P°CÍPsP±Pĕ, C%oPs PjPμC,P°P±PsP»C-P·CáCĤC,CĤCÍCĬ P· CáC†P°CÍC,CĤ C†PĕC,PsC...CĤPsPjCá P 450*

PkPμ PsC†C-PeCfC”C,CĤCÍCĬ, C%oPs C,P°PrP°P»P°C,,C-P» CÍPíCĤPĕC†PĕPSCĬC,PĕPjPμ PeP»C-PSC-C†PSPs P·PSP°C†CfC%oPμ C-PSPiC-P±CfPIP°PSPSCĬ P°P±Ps C-PSPrCfPeCfPIP°PSPSCĬ PeP»C-CĤPμPSCÍCf P»C-PeP°CĤCÍCĤPePĕC... P·P°CÍPsP±C-PI, C%oPs PjPμC,P°P±PsP»C-P·CfCĤC,CĤCÍCĬ C-P·PsC,,PsCĤPjP°PjPĕ CYP450. Pj C...PsPrC- PeP»C-PSC-C†PSPĕC... PrPsCÍP»C-PrP¶PμPSCĤ P±CfP»Ps PrPsPIPμPrPμPSPs, C%oPs C,P°PrP°P»P°C,,C-P» PSPμ C-PSPiC-P±CfC” C- PSPμ C-PSPrCfPeCfC” C-P·PsC,,PsCĤPjPĕ CYP450, PI C,.. C†. CYP3Pĥ4, CYP1Pĥ2, CYP2D6, CYP2E1, CYP2C9 C,P° CYP2C19.

*CYP2PŸ9 CÍCáP±CÍC,CĤP°C,Pĕ (PSP°PíCĤPĕPeP»P°Pr, R-PIP°CĤC,,P°CĤPĕPS)*

PŸP°PrP°P»P°C,,C-P» (Cf PrPsP·C- 10 PjPi C,P° 20 PjPi) PSPμ PjP°PI PeP»C-PSC-C†PSPs P·PSP°C†CfC%oPsPiPs PμC,,PμPeC,Cf PSP° AUC S-PIP°CĤC,,P°CĤPĕPSCf P°P±Ps R-PIP°CĤC,,P°CĤPĕPSCf (CYP2PŸ9 CÍCfP±CÍC,CĤP°C,Pĕ), P° C,P°PePsP¶ PSPμ PjP°PI PIPiP»PĕPICf PSP° PíCĤPsC,CĤPsPjP±C-PSPsPIPĕPNĕ C†P°CÍ, C-PSPrCfPePsPIP°PSPĕPNĕ PIP°CĤC,,P°CĤPĕPSPsPj.

*PĥC†PμC,PĕP»CÍP°P»C-C†PĕP»PsPIP° PePĕCÍP»PsC,P°*

PŸP°PrP°P»P°C,,C-P» (Cf PrPsP·C- 10 PjPi C,P° 20 PjPi) PSPμ PíPsC,PμPSC†C-CĤPIP°PI P·P±C-P»CĤCĕPμPSPSCĬ C†P°CÍCf PeCĤPsPIPsC,PμC†C-, CÍPíCĤPĕC†PĕPSPμPSPsC— P°C†PμC,PĕP»CÍP°P»C-C†PĕP»PsPIPsCĤ PePĕCÍP»PsC,PsCĤ.

*PμCĤPsC,PĕPrC-P°P±PμC,PĕC†PSC- P»C-PeP°CĤCÍCĤPeC- P·P°CÍPsP±Pĕ*

PŸPíPμC†PĕC,,C-C†PSPĕC... PrPsCÍP»C-PrP¶PμPSCĤ PIP·P°C”PjPsPrC-C— C,P°PrP°P»P°C,,C-P»Cf C-P· PíCĤPsC,PĕPrC-P°P±PμC,PĕC†PSPĕPjPĕ P»C-PeP°CĤCÍCĤPePĕPjPĕ P·P°CÍPsP±P°PjPĕ PSPμ PíCĤPsPIPsPrPĕP»Pĕ.

***PĥCÍPsP±P»PĕPIPsCÍC,C- P·P°CÍC,PsCÍCáPIP°PSPSCĬ***



*РμРμСҫРμРr PиPсC±P°С,РePсPj P»C-РeCзPIP°PSPSCи PиСҫРμPиP°СҫP°С,PsPj PһP°PеCГC-РиСҫP°P°СҫP°PNиPI*

РμРμСҫРμРr P·P°CГC,PsCГCрPIP°PSPSCиPj PиСҫРμPиP°СҫP°С,Cр P»C-РeP°СҫСҫ CГP»C-Pr P·C-Р±СҫP°С,Рө PjPμPrPөC±PSPөPNө P°PSP°PjPSPμP· C- PиСҫPsPиPμCГC,Рө PsP±CГC,РμP¶PμPSPSCи C,,C-Р·PөC±PSPsPиPs CГC,P°PSCр PиP°CГC-C°PSC,P°, PIPөP·PSP°C±PөC,Рө PиPсC,РμPSCГC-PNөPSC- PиPμCҫCєPсPиСҫPөC±PөPSPө PμCҫPμPеC,РөP»СҺPSPсC— PrPөCГC,,CрPSPеCГC-C— C- PrPsP±СҫPsCиPеC-CГPSPсC— PиC-PиPμCҫPиP»P°P·C-C— PиPμCҫPμPrPjC-C...CрCҫPsPиPsC— P·P°P»PsP·Pө C,P° PиСҫPөP·PSP°C±PөC,Рө PIC-PrPиPsPIC-PrPSPөPNө PеCрCҫCГ P»C-РeCрPIP°PSPSCи.

РμРμСҫРμРr PиPсC±P°С,РePсPj P±CрPrСҺ-CиPеPсPиPs P»C-РeCрPIP°PSPSCи PμCҫPμPеC,РөP»СҺPSPсC— PrPөCГC,,CрPSPеCГC-C— P»C-РeP°СҫC- PиPsPиPөPSPSC- P·PIP°P¶P°С,Рө PSP° CГC,P°PS CГPμCҫCГPμPиPs-CГCрPrPөPSPSPсC— CГPөCГC,РμPjPө CГPиPsC—C... PиP°CГC-C°PSC,C-PI, PsCГPеC-P»СҺPеPө C-CГPSCрC° PиPμPиPSPөPNө CГC,CрPиC-PSCҺ CГPμCҫCГPμPиPsPиPs CҫPөP·PөPеCр, P°CГPсCГC-PNөPsPиP°PSPөPNө C-Р· CГPμPеCГCрP°P»СҺPSPсC P°PеC,РөPиPSC-CГC,Cҫ. PыP°PrP°P»P°С,,C-Р» PIPөCиPиP»CиC° CГCрPrPөPSPсCҫPsP·CєPөCҫCҫPиP°P»СҺPSPөPNө PμC,,PμPеC,, C%оPs PjPsP¶Pμ PиСҫPөP·PиPsPrPөC,Рө PrPs PSPμP·PSP°C±PSPsPиPs C,P° C,CҫP°PSP·PөC,PsCҫPSPsPиPs P·PSPөP¶PμPSPSCи P°CҫC,РμCҫC-Р°P»СҺPSPsPиPs C,PөCГPеCр (PrPөPI. CҫPsP·PrC-P» B«PαP°CҫPjP°PеPsP»PsPиC-C±PSC- PиP»P°CГC,РөPиPsCГC,C-B») C,P° PиPсC,РμPSCГC-CҫPиP°PSPSCи PиC-PиPсC,РμPSP·PөPиPSPsPиPs PμC,,PμPеC,Cр PSC-C,CҫP°С,C-PI (PrPөPI. CҫPsP·PrC-P» B«PμCҫPsC,PөPиPsPеP°P·P°PSPSCиB»).

РμРμСҫРμРr PиPсC±P°С,РePсPj C,РμCҫP°PиC-C— C,P°PrP°P»P°С,,C-Р»PsPj CГPөPjPиC,PsPjC-PI PrPsP±СҫPsCиPеC-CГPSPсC— PиC-PиPμCҫPиP»P°P·C-C— PиPμCҫPμPrPjC-C...CрCҫPsPиPsC— P·P°P»PsP·Pө PSPμPsP±C...C-PrPSPs PsP±CГC,РμP¶PөC,Рө PиP°CГC-C°PSC,P° PrP»Cи PIPөPеP»CҫC±PμPSPSCи PjPsP¶P»PөPиPsC— PеP°CҫCГPөPSPsPjPө PиPμCҫPμPrPjC-C...CрCҫPsPиPsC— P·P°P»PsP·Pө C,P° CҫPμC,РμP»СҺPSPs PsCГC-PSPөC,Рө CГC,P°PS CГPμCҫCГPμPиPs-CГCрPrPөPSPSPсC— CГPөCГC,РμPjPө (PrPөPI. CҫPsP·PrC-P» B«PμCҫPsC,PөPиPsPеP°P·P°PSPSCиB»).

PҫCГC-PSPеP° PμCҫPμPеC,РөP»СҺPSPсC— PrPөCГC,,CрPSPеCГC-C— PиPsPиPөPSPSP° PиPеP»CҫC±P°С,Рө PIPөP·PSP°C±PμPSPSCи PиPсC,РμPSCГC-PNөPSPсC— PиPμCҫCєPсPиСҫPөC±PөPSPө C,P° C—C— PSP°P»PμP¶PSPμ P»C-РeCрPIP°PSPSCи PиC-CГP»Cи PIC-PrPиPsPIC-PrPSPsPиPs PjPμPrPөC±PSPsPиPs PsP±CГC,РμP¶PμPSPSCи. PкPμPIC-PrPsPjPs, C±Pө C° PμC,,PμPеC,РөPиPSPөPj C,P°PrP°P»P°С,,C-Р» PrP»Cи PиP°CГC-C°PSC,C-PI, CиPеC- PиPμCҫPμPSPμCГP»Pө PsPиPμCҫP°CГC-Cҫ PSP° C,P°P·PsPиPөC... PеC-CГC,PеP°С... P°P±Ps CҫP°PrPөPеP°P»СҺPSCр PиCҫPsCГC,P°С,РμPеC,PsPjC-Cҫ P±PμP· P·P±PμCҫPμP¶PμPSPSCи PSPμCҫPиC-PI.

*PыPμCҫCГPμPиPs-CГCзPrPөPSPSP° CГPөCГC,РμPjP°*

Pj PиPsCГC,PjP°CҫPеPμC,РөPSPиPsPиPөPNө PиPμCҫC-PsPr C,P°/P°P±Ps Cр C...PsPrC- PеP»C-PSC-C±PSPөC... PrPsCГP»C-PrP¶PμPSCҺ PиPsPIC-PrPsPjP»CиP»Pө PиCҫPs CГPμCҫPNөPsP·PSC- CиPиPөC%оP° P· P±PsPеCр CГPμCҫCГPμPиPs-CГCрPrPөPSPSPсC— CГPөCГC,РμPjPө, PI C,PsPjCр C±PөCГP»C- PиCҫPs C-PSC,,P°CҫPеC, PjC-PsPеP°CҫPrP°, CҫP°PиC,PsPICр CГPμCҫCГPμPICр CГPjPμCҫC,СҺ, PSPμCГC,P°P±C-Р»СҺPSCр CГC,РμPSPsPеP°CҫPrC-Cҫ, CєP»CрPSPсC±PеPsPICр P°CҫPөC,PjC-Cҫ, PиPsCҫCрCєPμPSPSCи PjPsP·PеPsPиPsPиPs PеCҫPsPиPsPсC-PICр, C,CҫP°PSP·PөC,PsCҫPSCр C-CєPμPjC-C±PSCр P°С,P°PеCр, P±C-Р»СҺ Cр PиCҫCрPrCиC..., PиCҫPөCГPеPsCҫPμPSPμ CГPμCҫCГPμP±PөC,C,Cи C,P° C,P°С...C-РeP°CҫPrC-Cҫ. P'C-Р»СҺCєC-CГC,Cҫ PиP°CГC-C°PSC,C-PI, Cр CиPеPөC...

СГРiPcCГC, PμCГC-PiP°P»PëCГCЦ C, P°PeC- PïPsP±C-C±PSC- CГPμP°PeC†C-C—, PjP°P»Pë  
C,,P°PeC,PsCГPë CГPëP·PëPeCр P· P±PsPeCр CГPμCГC†PμPIPc-CГCрPrPëPSPSPc—  
CГPëCГC, PμPjPë P P°PSP°PjPSPμP·C-. Pj C,PsP№ P¶Pμ C±P°CГ PSP°CГP°P·C-  
PSPμPjPcP¶P»PëPIPc C,PsC±PSPc PICГC,P°PSPcPIPëC,Pë, C±Pë PIPëC%PμPIPeP°P·P°PSC-  
CЦPIPeC%P° PïPsPIBГ™ CЦP·P°PSC- C-P· C,,P°PeC,PsCГP°PjPë CГPëP·PëPeCр,  
P·P°CГC,PsCГCрPIP°PSPSCЦPj C,P°PrP°P»P°C,,C-P»Cр, CГPμPeCГCрP°P»CГPSPcCГ  
P°PeC,PëPIPSC-CГC,CГ PïP°C†C-C”PSC,C-PI P°P±Ps P· PePsPjP±C-PSP°C†C-C”CГ C†PëC... C±Pë  
C-PSCëPëC... C,,P°PeC,PsCГC-PI.

Pj PïP°C†C-C”PSC,C-PI, CЦPeC- PsC,CГPëPjCрCГC,CГ CГCрPïCрC,PSC” P»C-PeCрPIP°PSPSCЦ  
P°PSC,PëPiC-PiPμCГC,PμPSP·PëPIPSPëPjPë P·P°CГPsP±P°PjPë, C,P°PrP°P»P°C,,C-P» PjPcP¶Pμ  
PïPsCГPëP»PëC,Pë P·PSPëP¶PμPSPSCЦ P°CГC,PμCГC-P°P»CГPSPcPiPs C,PëCГPeCр. PïPeC%Pc  
CГPsP·PïPsC±P°C,Ps C%PsPrPμPSPSCр C,PμCГP°PiC-CГ C,P°PrP°P»P°C,,C-P»PsPj, CГP»C-Pr  
CГPsP·PiP»CЦPSCрC,Pë PeP»C-PSC-C±PSCр PSPμPsP±C...C-PrPSC-CГC,CГ PïC-PrP±PsCГCр  
PrPsP·Pë P°PSC,PëPiC-PiPμCГC,PμPSP·PëPIPSPc— C,PμCГP°PiC-C—.

PкPμPsP±C...C-PrPSPc P· PsP±PμCГPμP¶PSC-CГC,CГ PïCГPëP·PSP°C±P°C,Pë  
C,P°PrP°P»P°C,,C-P» PïP°C†C-C”PSC,P°Pj, CЦPeC- PïCГPëP№PjP°CГC,CГ α₁-  
P±P»PsPeP°C,PsCГPë, C,PsPjCр C%Ps Cр PrPμCЦPePëC... C...PIPcCГPëC...  
PsPrPSPcC±P°CГPSPëP№ PïCГPëP№PsPj C†PëC... PïCГPμPïP°CГP°C,C-PI PjPcP¶Pμ  
PïCГPëP·PIPμCГC,Pë PrPs CГPëPjPiC,PsPjP°C,PëC±PSPc— PiC-PïPsC,PμPSP·C-C— (PrPëPI.  
CГPsP·PrC-P» B«P’P·P°C”PjPsPrC-CЦ P· C-PSCëPëPjPë P»C-PeP°CГCГCГPëPëPjPë  
P·P°CГPsP±P°PjPë C,P° C-PSCëC- PIPëPrPë PIP·P°C”PjPsPrC-P№B»). PкPμ  
CГPμPePsPjPμPSPрCрC,CГCГCЦ PePsPjP±C-PSPcPIP°PSPμ P·P°CГC,PsCГCрPIP°PSPSCЦ  
C,P°PrP°P»P°C,,C-P»Cр C,P° PrPsPeCГP°P·PsP·PëPSCр.

*PhCГPiP°PSPë P·PsCГCз*

PμPsPIC-PrPsPjP»CЦP»Pë PïCГPs PIPëPïP°PrPePë PïPsPiC-CГCëPμPSPSCЦ P·PsCГCр, PI C,PsPjCр  
C±PëCГP»C- PïCГPs C†PμPSC,CГP°P»CГPSCр CГPμCГPsP·PSCр  
C...PsCГC-PsCГPμC,PëPSPcPïP°C,C-CГ (PïPÿГP Pμ), C,P° PSPμP°CГC,PμCГC-P°P»CГPSCр  
PïPμCГPμPrPSCГ C-CëPμPjC-C±PSCр PsPiC,PëC±PSCр PSPμP№CГPsPïP°C,C-CГ (PкPμPμP†PкPк)  
PïC-Pr C±P°CГ P·P°CГC,PsCГCрPIP°PSPSCЦ C,P°PrP°P»P°C,,C-P»Cр C,P° C-PSCëPëC...  
C-PSPiC-P±C-C,PsCГC-PI PαP”P· 5. Pj P±C-P»CГCëPsCГC,C- PIPëPïP°PrPeC-PI  
CГPëPjPiC,PsPjPë PïPÿГP Pμ CГPïPsPSC,P°PSPSPc P·PSPëPeP°P»Pë PiC-CГP»CЦ  
PïCГPëPïPëPSPμPSPSCЦ PïCГPëP№PsPjCр C,P°PrP°P»P°C,,C-P»Cр. PμPSP°P»C-P· PrP°PSPëC...  
PsP±CμCГPIP°C†C-P№PSPëC... PrPsCГP»C-PrP¶PμPSCГ PïPsPeP°P·P°PI  
PiC-PrPIPëC%PμPSPSCЦ CГPëP·PëPeCр CГPsP·PIPëC,PeCр PiPsCГC,CГPsC— PкPμPμP†PкPк Cр  
C±PsP»PsPIC-PeC-PI P· PμCГPμPeC,PëP»CГPSPcCГ PrPëCГC,,CрPSPeC†C-C”CГ PïC-CГP»CЦ  
P·P°CГC,PsCГCрPIP°PSPSCЦ C,P°PrP°P»P°C,,C-P»Cр P°P±Ps C-PSCëPëC...  
C-PSPiC-P±C-C,PsCГC-PI PαP”P· 5. PhCГPeC-P»CГPePë PiC-PrPIPëC%PμPSPSCЦ C,P°PePsPiPs  
CГPëP·PëPeCр PjPsP¶P»PëPIPμ Cр PICГC-C... PïP°C†C-C”PSC,C-PI, CЦPeC-  
P·P°CГC,PsCГPsPICрCГC,CГ C,P°PrP°P»P°C,,C-P», P»C-PeP°CГ PïPsPIPëPSPμPS  
PïPsPïPμCГPμPrPëC,Pë PïP°C†C-C”PSC,P° PïCГPs PSPμPsP±C...C-PrPSC-CГC,CГ  
PSPμPïP°P№PSPcPiPs PïCГPëPïPëPSPμPSPSCЦ P·P°CГC,PsCГCрPIP°PSPSCЦ  
C,P°PrP°P»P°C,,C-P»Cр C,P° P·PIPμCГPSPμPSPSCЦ P·P° PjPμPrPëC±PSPcCГ PrPsPïPsPjPsPiPsCГ  
Cр CГP°P·C- CГP°PiC,PsPIPc— PIC,CГP°C,Pë P·PsCГCр, PïPsCГCрCëPμPSPSCЦ  
PiPsCГC,CГPsC,Pë P·PsCГCр C,P°/P°P±Ps CГPïPsC,PIPcCГPμPSPSCЦ P·PsCГCр (PrPëPI.  
CГPsP·PrC-P» B«PμCГPsC,PëPïPsPeP°P·P°PSPSCЦB»).

*PμPsPiC-CГCëPμPSPSCЦ P°P±Ps CГP°PiC,PsPIP° PIC,CГP°C,P° CГP»CзC...Cз*

РµPsPIC-PrPsPjP»CII»Pë PiCтPs PIPëPiP°PrPePë CтP°PiC,PsPIPsC— PIC,CтP°C,Pë CтP»CтC...Cт  
PiC-CтP»CII P·P°CтC,PsCтCтPIP°PSPSCII C,P°PrP°P»P°C,,C-P»Cт. PкPµP·P°P»PµP¶PSPs PIC-Pr  
C,PsPiPs, C±Pë P±CтP»Pë PSP°CIIPIPsC- C-PSC€C- C,,P°PeC,PsCтPë CтPëP·PëPeCт (C,P°PeC-  
CIIPe PIC-Pe, PSP°CIIPIPsC-CтC,Ch PrC-P°P±PµC,Cт, P°CтC,PµCтC-P°P»ChPSPsC—  
PiC-PiPµCтC,PµPSP·C-C— C,P° PIPëPiP°PrPePë PIC,CтP°C,Pë CтP»CтC...Cт PI  
P°PSP°PjPSPµP·C-), PiP°CтC-C”PSC,C-PI PiPsC,CтC-P±PSPs PiPsPiPµCтPµPrPëC,Pë PiCтPs  
PSPµPsP±C...C-PrPSC-CтC,Ch PiCтPëPiPëPSPµPSPSCII P·P°CтC,PsCтCтPIP°PSPSCII  
C,P°PrP°P»P°C,,C-P»Cт C,P° P·PIPµCтPSPµPSPSCII P·P° PjPµPrPëC±PSPsCт PrPsPiPsPjPsPiPsCт  
Cт CтP°P·C- CтP°PiC,PsPIPsPiPs PiPsPiC-CтC€PµPSPSCII P°P±Ps PIC,CтP°C,Pë CтP»CтC...Cт.

*PкPëCтPePsPIP° C,P° PiPµC±C-PSPePsPIP° PSPµPrPsCтC,P°C,PSC-CтC,Ch*

P©PsPrPµPSPSPµ P·P°CтC,PsCтCтPIP°PSPSCII PiCтPµPiP°CтP°C,Cт PнP°PeCтC-PiCтP°  
P”CтP°P№PI PSPµ CтPµPePsPjPµPSPPrCтC”C,ChCтCII PiP°CтC-C”PSC,P°Pj C-P·  
CтPµCтP№PsP·PSPëPjPë PSPëCтPePsPIPëPjPë PiPsCтCтC€PµPSPSCII PjPë Cт P·PiBт™ CII·PeCт  
P·PiC-PrPIPëC%µPµPSPsCт PµPeCтPiPsP·PëCтC-C”Cт C,P°PrP°P»P°C,,C-P»Cт,  
PsP±PjPµP¶PµPSPëPj PeP»C-PSC-C±PSPëPj PrPsCтPIC-PrPsPj C,P° CтP»P°P±PePsCт  
P·PrP°C,PSC-CтC,Ch PIPiP»PëPIP°C,Pë PSP° P№PsPiPs PeP»C-CтPµPSCт P·P°  
PrPsPiPsPjPsPiPsCт PrC-P°P»C-P·Cт.

PлP»C-PSC-C±PSC- PrP°PSC- PiCтPs PiCтPëP·PSP°C±PµPSPSCII C,P°PrP°P»P°C,,C-P»Cт PrP»CII  
C%µPsPrPµPSPSPsPiPs P·P°CтC,PsCтCтPIP°PSPSCII PiP°CтC-C”PSC,P°Pj C-P· C,CII¶PePëPjPë  
PiPsCтCтC€PµPSPSCII PjPë C,,CтPSPeCтC-C— PiPµC±C-PSPePë (PeP»P°Cт PŸ P·P° C€PeP°P»PsCт  
PšP°P№P»PrP° Bт” PµBт™ Cт) PsP±PjPµP¶PµPSC-.

P—P°CтC,PsCтCтPIP°PSPSCII PiCтPµPiP°CтP°C,Cт C%µPsPrPµPSPSPs CIIPe PrP»CII  
P»C-PeCтPIP°PSPSCII PµCтPµPeC,PëP»ChPSPsC— PrPëCтC,,CтPSPeCтC-C—, C,P°Pe C- PrP»CII  
P»C-PeCтPIP°PSPSCII PrPsP±CтPsCIIPeC-CтPSPsC— PiC-PiPµCтPiP»P°P·C-C—  
PiPµCтPµPrPjC-C...CтCтPsPIPsC— P·P°P»PsP·Pë PSPµ PsCтC-PSCтPIP°P»Pë Cт  
PiP°CтC-C”PSC,C-PI C-P· PiPµC±C-PSPePsPIPsCт PSPµPrPsCтC,P°C,PSC-CтC,Ch. PµPµCтC€  
PSC-P¶ PiCтPëP·PSP°C±PëC,Pë C,P°PrP°P»P°C,,C-P», P»C-PeP°Cт PiPsPIPëPSPµPS  
CтPµC,PµP»ChPSPs PsCтC-PSPëC,Pë C-PSPPrPëPIC-PrCтP°P»ChPSC- PiPµCтPµPIP°PiPë /  
CтPëP·PëPe C,PµCтP°PiC-C—.

*PµCтC-P°PiC-P·Pj C,P° P°PSP°C,PsPjC-C±PSP° PrPµC,,PsCтPjP°CтC-CII CтC,P°C,PµPIPsPiPs  
C±P»PµPSP°*

PiPeC%µPs Cт PiP°CтC-C”PSC,P° PIPëPSPëPeP°C” PµCтPµPeCтC-CII, C%µPs C,CтPëPIP°C” 4  
PiPsPrPëPSPë P°P±Ps P±C-P»ChC€Pµ, P№PsPjCт PSPµPsP±C...C-PrPSPs PSPµPiP°P№PSPs  
P·PIPµCтC,P°C,PëCтCII P·P° PjPµPrPëC±PSPsCт PrPsPiPsPjPsPiPsCт. PiPeC%µPs PSPµ P±CтPrPµ  
PiCтPsPIPµPrPµPSPs PSPµPiP°P№PSPµ P»C-PeCтPIP°PSPSCII PiCтC-P°PiC-P·PjCт, CтPµ  
PjPsP¶Pµ PiCтPëP·PIPµCтC,Pë PrPs CтC€PePsPrP¶PµPSPSCII C,PeP°PSPëPS CтC,P°C,PµPIPsPiPs  
C±P»PµPSP° C,P° PrPsPIPiPsC,CтPëPIP°P»PsC— PIC,CтP°C,Pë PiPsC,PµPSCтC-C—.

PкPµPsP±C...C-PrPSPs P· PsP±PµCтPµP¶PSC-CтC,Ch PiCтPëP·PSP°C±P°C,Pë  
C,P°PrP°P»P°C,,C-P» PiP°CтC-C”PSC,P°Pj P· P°PSP°C,PsPjC-C±PSPsCт  
PrPµC,,PsCтPjP°CтC-C”Cт CтC,P°C,PµPIPsPiPs C±P»PµPSP° (C,P°PePsCт CIIPe PeCтC,PsPIPµ  
PIPëPeCтPëPIP»PµPSPSCII, PeP°PIPµCтPSPsP·PSPëP№ C,,C-P±CтPsP· P°P±Ps C...PIPsCтPsP±P°  
PµPµP№CтPsPSC-) C±Pë PiP°CтC-C”PSC,P°Pj, CIIPeC- PjP°CтC,Ch CтC,P°PS, C%µPs PjPsP¶Pµ  
CтPiCтPëC±PëPSPëC,Pë PiCтC-P°PiC-P·Pj (C,P°PePëP№ CIIPe  
CтPµCтPiPsPiPsPrC-P±PSPsPeP»C-C,PëPSPSP° P°PSPµPjC-CII, PjC-C”P»PsPjPSP°  
C...PIPsCтPsP±P° C±Pë P»PµP№PePµPjC-CII).

*PŸCáPíCáC,PSC" P·P°CÍC,PsCÍCáPIP°PSPSCŪ P· C-PSPiC-P±C-C,PsCŤP°PjPë CYP3A4*

PkPµPsP±C...C-PrPSPs P· PsP±PµCŤPµP¶PSC-CÍC,CH PíCŤPëP·PSP°C±P°C,Pë  
C,P°PrP°P»P°C,,C-P» PíP°C†C-C"PSC,P°Pj, CŪPeC- P·P°CÍC,PsCÍPsPICrCŤC,CH  
C-PSPiC-P±C-C,PsCŤPë CYP3A4 (CŤPëC,PsPSP°PIC-CŤ, CÍP°PePIC-PSP°PIC-CŤ,  
PePµC,PsPePsPSP°P·PsP», C-C,CŤP°PePsPSP°P·PsP», PµCŤPëC,CŤPsPjC-C†PëPS),  
PsCÍPeC-P»CHPePë PíCŤPë CÍC†PjC-CÍPSPsPjC† P·P°CÍC,PsCÍC†PIP°PSPSC- P·  
C,P°PrP°P»P°C,,C-P»PsPj CÍPíPsCÍC,PµCŤC-PiP°C"C,CHCÍCŪ P·P±C-P»CHC€PµPSPSCŪ AUC  
C,P°PrP°P»P°C,,C-P»C† (PrPëPI. CŤPsP·PrC-P» B«P'P·P°C"PjPsPrC-CŪ P· C-PSC€PëPjPë  
P»C-PeP°CŤCÍCHPePëPjPë P·P°CÍPsP±P°PjPë C,P° C-PSC€C- PIPëPrPë PIP·P°C"PjPsPrC-PNëB»).

*PŸCáPíCáC,PSC" P·P°CÍC,PsCÍCáPIP°PSPSCŪ P· C-PSC€PëPjPë  
P»C-PeP°CŤCÍCHPePëPjPë P·P°CÍPsP±P°PjPë PrP»CŪ P»C-PeCáPIP°PSPSCŪ  
PµCŤPµPeC,PëP»CHPSPsC— PrPëCÍC,,CáPSPeC†C-C—*

P'PµP·PíPµC±PSC-CÍC,CH C,P° PµC,,PµPeC,PëPIPSC-CÍC,CH  
P·P°CÍC,PsCÍC†PIP°PSPSCŪ C,P°PrP°P»P°C,,C-P»C† PI PePsPjP±C-PSP°C†C-C— P·  
C-PSC€PëPjPë C-PSPiC-P±C-C,PsCŤP°PjPë PαP"·P· 5 P°P±Ps C-PSC€PëPjPë  
P»C-PeP°CŤCÍCHPePëPjPë P·P°CÍPsP±P°PjPë PrP»CŪ P»C-PeC†PIP°PSPSCŪ  
PµCŤPµPeC,PëP»CHPSPsC— PrPëCÍC,,C†PSPeC†C-C— PSPµ  
PrPsCÍP»C-PrP¶C†PIP°P»Pë, C,PsPjC† PSPµPsP±C...C-PrPSPs C-PSC,,PsCŤPjC†PIP°C,Pë  
PíP°C†C-C"PSC,C-PI PíCŤPs C,Pµ, C%oPs PSPµ CÍP»C-Pr PíCŤPëPNëPjP°C,Pë  
C,P°PrP°P»P°C,,C-P» C† PíPsPrC-P±PSPëC... PePsPjP±C-PSP°C†C-CŪC....

*P»P°PeC,PsP·P°*

PµCŤPµPíP°CŤP°C, PjC-CÍC,PëC,CH P»P°PeC,PsP·Pë PjPsPSPsPiC-PrCŤP°C,,  
P»C-PeP°CŤCÍCHPePëPNë P·P°CÍC-P± PñP°PeCÍC-PiCŤP° P"ŤP°PNëPI PSPµ CÍP»C-Pr  
PíCŤPëP·PSP°C±P°C,Pë PíP°C†C-C"PSC,P°Pj C-P· CŤC-PrPeC-CÍPSPëPjPë CÍPíP°PrPePsPIPëPjPë  
C,,PsCŤPjP°PjPë PSPµPíPµCŤPµPSPsCÍPëPjPsCÍC,C- PíP°P»P°PeC,PsP·Pë, CÍPëPSPrCŤPsPjPsPj  
PiP»CHPePsP·Ps-PiP°P»P°PeC,PsP·PSPsC— PjP°P»CHP°P±CÍPsCŤP±C†C-C— C,P°  
PrPµC,,C-C†PëC,PsPj P»P°PeC,P°P·Pë P»P°PíPíP°.

*PkP°C,CŤC-PNë*

1 C,P°P±P»PµC,PeP° C†CHPsPiPs PíCŤPµPíP°CŤP°C,C† PjC-CÍC,PëC,CH PjPµPSC€Pµ 1  
PjPjPsP»CH PSP°C,CŤC-CŤ (23 PjPi), C,PsP±C,Ps C,,P°PeC,PëC±PSPs PSPµ PjC-CÍC,PëC,CH  
PSP°C,CŤC-CŤ.

***P—P°CÍC,PsCÍCáPIP°PSPSCŪ Cá PíPµCŤC-PsPr PIP°PiC-C,PSPsCÍC,C- P°P±Ps  
PiPsPrCáPIP°PSPSCŪ PiCŤCáPrPrCŤ***

P»C-PeP°CŤCÍCHPePëPNë P·P°CÍC-P± PñP°PeCÍC-PiCŤP° P"ŤP°PNëPI PSPµ  
PíPsPeP°P·P°PSPëPNë PrP»CŪ P·P°CÍC,PsCÍC†PIP°PSPSCŪ P¶C-PSPeP°Pj.

P'P°PiC-C,PSC-CÍC,CH. P"°PSC- PrPsCÍP»C-PrP¶PµPSCŤ C%oPsPrPs  
P·P°CÍC,PsCÍC†PIP°PSPSCŪ C,P°PrP°P»P°C,,C-P»C† PIP°PiC-C,PSPëPj P¶C-PSPeP°Pj  
PsP±PjPµP¶PµPSC-. P"PsCÍP»C-PrP¶PµPSPSCŪ PSP° C,PIP°CŤPëPSP°C... PSPµ PIPëCŪPIPëP»Pë  
PíCŤCŪPjPsPiPs P°P±Ps PSPµPíCŤCŪPjPsPiPs C€PeC-PrP»PëPIPsPiPs PIPíP»PëPIC† PSP°  
PIP°PiC-C,PSC-CÍC,CH, CŤPsP·PIPëC,PsPe PµPjP±CŤC-PsPSP° P°P±Ps PíP»PsPrP°, PíPsP»PsPiPë

C, P° PiPsCfC, PSP° C, P° P»CHbPSPePNe CbPsP·PIPëC, PsPe. PiPe P·P°PiPsP±C-P¶PSPePNe  
P·P°C...C-Pr, P±P°P¶P°PSPs CrPSPëPeP°C, Pë P·P°CfC, PsCfCfPIP°PSPSCfC  
C, P°PrP°P»P°C,, C-P»Cr Cr PiPµCbC-PsPr PIP°PiC-C, PSPsCfC, C-.

*P°PsPrCáPIP°PSPSCfC PiCbCáPrPrCb. PkP°CfPIPSC- C,, P°CbPjP°PePsPrPëPSP°PjC-C±PSC- /  
C, PsPeCfPëPePsP»PsPiC-C±PSC- PrP°PSC- C%PsPrPs C, PIP°CbPëPS CfPIC-PrC±P°C, Chb PiCbPs  
PµPeCfPeCbPµC†C-Cb C, P°PrP°P»P°C,, C-P»Cr Cr PjPsP»PsPePs. P PëP·PëPe PrP»CfC  
PSPµPjPsPIP»CfC, Pë PSP° PiCbCfPrPSPsPjCr PIPëPiPsPrPsPICfPIP°PSPSC- PSPµ CfP»C-Pr  
PIPëPeP»CbC±P°C, Pë. P>C-PeP°CbCfChbPePëPNe P·P°CfC-P± PëP°PeCfC-PiCbP° P°CbP°PNePI  
PSPµ CfP»C-Pr P·P°CfC, PsCfPsPICfPIP°C, Pë Cr PiPµCbC-PsPr PiPsPrCfPIP°PSPSCfC  
PiCbCfPrPrCb.*

*PαPµCbC, PëP»CHbPSC-CfC, Chb. P·C,, PµPeC, Pë, C%Ps PjPsP¶CfC, Chb PIPeP°P·CfPIP°C, Pë PSP°  
PiPsPiC-CbCεPµPSPSCfC C,, PµCbC, PëP»CHbPSPsCfC, C-, PIC-PrP·PSP°C±P°P»PëCfCfC Cr  
CfPsP±P°Pe. Pj C...PsPrC- PrPIPSC... PeP»C-PSC-C±PSPëC... PrPsCfP»C-PrP¶PµPSCb P±CfP»Ps  
PICfC, P°PSPsPIP»PµPSPs, C%Ps C, P°PePëPNe PµC,, PµPeC, PSPµ PsC±C-PeCfC”C, ChbCfCfC Cr  
P»CbPrPµPNe, C...PsC±P° PI PsPeCbPµPjPëC... C±PsP»PsPIC-PeC-PI  
CfPiPsCfC, PµCbC-PiP°P»PsCfCfC P·PSPëP¶PµPSPSCfC PePsPSC†PµPSC, CbP°C†C-C—  
CfPiPµCbPjPë (PrPëPI. CbPsP·PrC-P» B«PαP°CbPjP°PePsP»PsPiC-C±PSC-  
PIP»P°CfC, PëPIPSCfC, C-B»). Pj C...PsPrC- PeP»C-PSC-C±PSPëC... PrPsCfP»C-PrP¶PµPSCb  
P±CfP»Ps PICfC, P°PSPsPIP»PµPSPs, C%Ps PiPsCbCfCεPµPSPSCfC  
C,, PµCbC, PëP»CHbPSPsCfC, C- PSPµ PsC±C-PeCfC”C, ChbCfCfC Cr P»CbPrPµPNe, C...PsC±P° PI  
PsPeCbPµPjPëC... C±PsP»PsPIC-PeC-PI CfPiPsCfC, PµCbC-PiP°P»PsCfCfC P·PSPëP¶PµPSPSCfC  
PePsPSC†PµPSC, CbP°C†C-C— CfPiPµCbPjPë.*

***P—PrP°C, PSC-CfC, Chb PIPiP»PëPIP°C, Pë PSP° CεPIPëPrPeC-CfC, Chb  
CbPµP°PeC†C-C— PiCbPë PePµCbCáPIP°PSPSC-  
P°PIC, PsC, CbP°PSCfPiPsCbC, PsPj P°P±Ps C-PSCεPëPjPë  
PjPµC...P°PSC-P·PjP°PjPë***

P·PiP»PëPI C, P°PrP°P»P°C,, C-P»Cr PSP° P·PrP°C, PSC-CfC, Chb PePµCbCfPIP°C, Pë  
PjP°CεPëPSP°PjPë C, P° PjPµC...P°PSC-P·PjP°PjPë PSPµP·PSP°C±PSPëPNe. P¶PsC±P°  
C±P°CfC, PsC, P° PiPsPIC-PrPsPjP»PµPSCb PiCbPs CfPIPëC%P° P·P°PiP°PjPsCbPsC±PµPSPSCfC  
Cr C...PsPrC- PeP»C-PSC-C±PSPëC... PrPsCfP»C-PrP¶PµPSCb C-P·  
P·P°CfC, PsCfCfPIP°PSPSCfC Pj PiP»P°C†PµP±Ps C, P° Cr C...PsPrC- PeP»C-PSC-C±PSPëC...  
PrPsCfP»C-PrP¶PµPSCb C-P· P·P°CfC, PsCfCfPIP°PSPSCfC Pj C, P°PrP°P»P°C,, C-P»Cr P±CfP»P°  
PiPsPrC-P±PSP°, PiP°C†C-C”PSC, Pë PiPsPIPëPSPSC- P·PSP°C, Pë, CfPe PIPiP»PëPIP°C” PSP°  
PSPëC... P»C-PeP°CbCfChbPePëPNe P·P°CfC-P± PëP°PeCfC-PiCbP° P°CbP°PNePI, PiPµCbCε  
PSC-P¶ PePµCbCfPIP°C, Pë P°PIC, PsC, CbP°PSCfPiPsCbC, PsPj P°P±Ps PiCbP°C†CbPIP°C, Pë P·  
C-PSCεPëPjPë PjPµC...P°PSC-P·PjP°PjPë.

***PŸPiPsCfC-P± P·P°CfC, PsCfCáPIP°PSPSCfC C, P° PrPsP·Pë.***

P°P»CfC PiPµCbPsCbP°P»CHbPSPsPiPs P·P°CfC, PsCfCfPIP°PSPSCfC. PŸP»C-Pr  
PiCbPëPNePjP°C, Pë C, P°P±P»PµC, PePë P»C-PeP°CbCfChbPePsPiPs P·P°CfPsP±Cr P·  
CbPµPePsPjPµPSPPrPsPIP°PSPëPj PIPjC-CfC, PsPj PrC-CbC±PsC— CbPµC±PsPIPëPSPë.

*P·CbPµPeC, PëP»CHbPSP° PrPëCfC,, CáPSPeC†C-CfC Cá PrPsCbPsCfP»PëC... C±PsP»PsPIC-PeC-PI*

P PμPePsPjPμPSPPrPsPIP°PSP° PrPsP·P° CÍC,P°PSPsPIPëC,CH 10 PjPi PìPμCḡPμPr PìPμCḡPμPrP±P°C±CfPIP°PSPsCḡ CÍPμPeCÍCfP°P»CHPSPsCḡ P°PeC,PëPIPSC-CÍC,Cḡ, PSPμP·P°P»PμP¶PSPs PIC-Pr PIP¶PëPIP°PSPSCÍ C—P¶C-. PμP°C†C-C”PSC,P°Pj, CÍ CÍPePëC... C,P°PrP°P»P°C,,C-P» CÍ PrPsP·C- 10 PjPi PSPμ CÍPìCḡPëC±PëPSCÍC” P°PrPμPePIP°C,PSPsPiPs PμC,,PμPeC,Cr, PjPsP¶PSP° P·P°CÍC,PsCÍPsPICfPIP°C,Pë PrPsP·CÍ 20 PjPi.

PμCḡPμPìP°CḡP°C, PjPsP¶PSP° PìCḡPëPNëPjP°C,Pë P·P° 30 C...PIPëP»PëPS PìPμCḡPμPr CÍPμPeCÍCfP°P»CHPSPsCḡ P°PeC,PëPIPSC-CÍC,Cḡ.

PḡP°PeCÍPëPjP°P»CHPSP° CḡPμPePsPjPμPSPPrPsPIP°PSP° C±P°CÍC,PsC,P° PìCḡPëPNëPsPjCÍ Bḡ” 1 CḡP°P·PSP° PrPsP±CÍ.

PÿP°PrP°P»P°C,,C-P» CÍ PrPsP·C- 10 PjPi C,P° 20 PjPi PìCḡPëP·PSP°C±PμPSPëPNë PrP»CÍ P·P°CÍC,PsCÍCfPIP°PSPSCÍ PìPμCḡPμPr PìPμCḡPμPrP±P°C±CfPIP°PSPsCḡ CÍPμPeCÍCfP°P»CHPSPsCḡ P°PeC,PëPIPSC-CÍC,Cḡ C,P° PSPμ CḡPμPePsPjPμPSPPrPsPIP°PSPëPNë PrP»CÍ C%PsPrPμPSPSPsPiPs P·P°CÍC,PsCÍCfPIP°PSPSCÍ.

PìPeC%Ps PìPμCḡPμPrP±P°C±P°C”C,CHCÍCÍ C±P°CÍC,Pμ P·P°CÍC,PsCÍCfPIP°PSPSCÍ C,P°PrP°P»P°C,,C-P»CÍ (PìCḡPëPSP°PNëPjPSC- PrPIC-C±C- PSP° C,PëP¶PrPμPSCḡ), CḡPμP¶PëPj C%PsPrPμPSPSPsPiPs P·P°CÍC,PsCÍCfPIP°PSPSCÍ P±C-P»CHC€ PSPëP·CHPePëC... PrPsP· C,P°PrP°P»P°C,,C-P»CÍ PjPsP¶Pμ P±CÍC,Pë P±C-P»CHC€ PrPsC†C-P»CHPSPëPj, PIPëC...PsPrCÍC±Pë P· PIPëP±PsCḡCf PìP°C†C-C”PSC,P° C,P° CḡC-C€PμPSPSCÍ P»C-PeP°CḡCÍ. P”P»CÍ C,P°PePëC... PìP°C†C-C”PSC,C-PI CḡPμPePsPjPμPSPPrPsPIP°PSP° PrPsP·P° CÍC,P°PSPsPIPëC,CH 5 PjPi/PrPsP±CÍ PìCḡPëP±P»PëP·PSPs PI PsPrPSP°PePsPIPëPNë C±P°CÍ. P”PsP·CÍ PjPsP¶PSP° P·PjPμPSC€CfPIP°C,Pë PrPs 2,5 PjPi/PrPsP±CÍ, PIPëC...PsPrCÍC±Pë P· C-PSPPrPëPIC-PrCfP°P»CHPSPsC— C,PsP»PμCḡP°PSC,PSPsCÍC,C-. P”PsC†C-P»CHPSC-CÍC,CH C,CḡPëPIP°P»PsPiPs C%PsPrPμPSPSPsPiPs P·P°CÍC,PsCÍCfPIP°PSPSCÍ CÍP»C-Pr PìPμCḡC-PsPrPëC±PSPs PìPμCḡPμPsC†C-PSCḡPIP°C,Pë.

P”PsP±CḡPsCÍPeC-CÍPSP° PiC-PìPμCḡPìP»P°P·C-CÍ PìPμCḡPμPrPjC-C...C¿CḡPsPIPsC— P·P°P»PsP·Pë C¿ PrPsCḡPsCÍP»PëC... C±PsP»PsPIC-PeC-PI

P”P»CÍ C%PsPrPμPSPSPsPiPs P·P°CÍC,PsCÍCfPIP°PSPSCÍ CḡPμPePsPjPμPSPPrPsPIP°PSP° PrPsP·P° CÍC,P°PSPsPIPëC,CH 5 PjPi/PrPsP±CÍ PìCḡPëP±P»PëP·PSPs PI PsPrPëPS C- C,PsPNë CÍP°PjPëPNë C±P°CÍ, PSPμP·P°P»PμP¶PSPs PIC-Pr PIP¶PëPIP°PSPSCÍ C—P¶C-. P”P»CÍ P»C-PeCfPIP°PSPSCÍ PrPsCḡPsCÍP»PëC... C±PsP»PsPIC-PeC-PI P· PμCḡPμPeC,PëP»CHPSPsCḡ PrPëCÍC,,CfPSPeC†C-C”Cḡ C,P° CÍPëPjPìC,PsPjP°PjPë PrPsP±CḡPsCÍPeC-CÍPSPsC— PiC-PìPμCḡPìP»P°P·C-C— PìPμCḡPμPrPjC-C...CfCḡPsPIPsC— P·P°P»PsP·Pë CÍP»C-Pr CḡPsP·PiP»CÍPSCfC,Pë P·P°CÍC,PsCÍCfPIP°PSPSCÍ CÍC,P°PSPsPIPëC,CH 5 PjPi/PrPsP±CÍ PìCḡPëP±P»PëP·PSPs PI PsPrPëPS C- C,PsPNë CÍP°PjPëPNë C±P°CÍ. P”P»CÍ PìP°C†C-C”PSC,C-PI P· PSPμPìPμCḡPμPSPsCÍPëPjC-CÍC,Cḡ C,P°PrP°P»P°C,,C-P»CÍ PI PrPsP·C- 5 PjPi/PrPsP±CÍ PìCḡPë P»C-PeCfPIP°PSPSC- PrPsP±CḡPsCÍPeC-CÍPSPsC— PiC-PìPμCḡPìP»P°P·C-C— PìPμCḡPμPrPjC-C...CfCḡPsPIPsC— P·P°P»PsP·Pë CÍP»C-Pr CḡPsP·PiP»CÍPSCfC,Pë P·P°CÍC,PsCÍCfPIP°PSPSCÍ P°P»CHC,PμCḡPSP°C,PëPIPSPsC— C,PμCḡP°PìC-C—, P· PsPiP»CÍPrCf PSP° C,Pμ C%Ps PμC,,PμPeC,PëPIPSC-CÍC,CH C,P°PrP°P»P°C,,C-P»CÍ CÍ PrPsP·C- 2,5 PjPi/PrPsP±CÍ PrP»CÍ P»C-PeCfPIP°PSPSCÍ PrPsP±CḡPsCÍPeC-CÍPSPsC— PiC-PìPμCḡPìP»P°P·C-C— PìPμCḡPμPrPjC-C...CfCḡPsPIPsC— P·P°P»PsP·Pë PSPμ PsC†C-PSCḡPIP°P»P°CÍCḡ.

PḡCÍPsP±P»PëPIC- PìPsPìC¿P»CÍC†C-C— PìP°C†C-C”PSC,C-PI

*PšPsP»PsPIC-PePë P»C-C, PSCĤPsPiPs PIC-PeCž. PľPsCĤPµPeC†C-CĬ PrPsP·Pë PSPµ PİPsC, CĤC-P±PSP°.*

*PšPsP»PsPIC-PePë, CĬPeC- PjP°CĤC, CĤ PSPëCĤPePsPICž PSPµPrPsC†C, P°C, PSC-C†C, CĤ. PľPsCĤPµPeC†C-CĬ PrPsP·Pë PSPµ PİPsC, CĤC-P±PSP° PrP»CĬ PİP°C†C-C”PSC, C-PI C-P· P»PµPiPePsCĤ C, P° PİPsPjC-CĤPSPsCĤ PSPëCĤPePsPiPsCĤ PSPµPrPsC†C, P°C, PSC-C†C, CĤ. P”P»CĬ PİP°C†C-C”PSC, C-PI C-P· C, CĬP¶PePsCĤ PSPëCĤPePsPiPsCĤ PSPµPrPsC†C, P°C, PSC-C†C, CĤ PjP°PeC†PëPjP°P»CĤPSP° CĤPµPePsPjPµPSPPrPsPiP°PSP° PrPsP·P° C†C, P°PSPsPiPëC, CĤ 10 PjPi (PİCĤPëPNëPsPj C, P°PrP°P»P°C, C-P»C† P·P° PİPsC, CĤPµP±Pë). P©PsPrPµPSPSPµ P·P°C†C, PsC†C†PiP°PSPSCĬ C, P°PrP°P»P°C, C-P»C† PI PrPsP·C- 2,5 PjPi P°P±Ps 5 PjPi PSPµ CĤPµPePsPjPµPSPPrPsPiP°PSPs PrP»CĬ P»C-PeC†PiP°PSPSCĬ PİP°C†C-C”PSC, C-PI C-P· C, CĬP¶PePsCĤ PSPëCĤPePsPiPsCĤ PSPµPrPsC†C, P°C, PSC-C†C, CĤ C, P° PrPsP±CĤPsCĬPeC-C†PSPsCĤ PiC-PİPµCĤPİP»P°P·C-C”CĤ PİPµCĤPµPrPjC-C...C†CĤPsPiPsC— P·P°P»PsP·Pë P°P±Ps PµCĤPµPeC, PëP»CĤPSPsCĤ PrPëC†C, C†PSPeC†C-C”CĤ (PrPëPI. CĤPsP·PrC-P»Pë B«PαP°CĤPjP°PePsP»PsPiC-C†PSC- PiP»P°C†C, PëPiPsC†C, C-B» C, P° B«PĥC†PsP±P»PëPiPsC†C, C- P·P°C†C, PsC†C†PiP°PSPSCĬB»).*

*PšPsP»PsPIC-PePë, CĬPeC- PjP°CĤC, CĤ PİPµC†C-PSPePsPICž PSPµPrPsC†C, P°C, PSC-C†C, CĤ*

*P”P»CĬ P»C-PeC†PiP°PSPSCĬ PµCĤPµPeC, PëP»CĤPSPsC— PrPëC†C, C†PSPeC†C-C— CĤPµPePsPjPµPSPPrPsPiP°PSP° PrPsP·P° C, P°PrP°P»P°C, C-P»C† C†C, P°PSPsPiPëC, CĤ 10 PjPi PİPµCĤPµPr PİPµCĤPµPrP±P°C†C†PiP°PSPsCĤ C†PµPeC†C†P°P»CĤPSPsCĤ P°PeC, PëPiPSC-C†C, CĤ C- PSPµ P·P°P»PµP¶PëC, CĤ PIC-Pr PiP¶PëPiP°PSPSCĬ C—P¶C- (PİCĤPëPNëPsPj C, P°PrP°P»P°C, C-P»C† P·P° PİPsC, CĤPµP±Pë). PľP»C-PSC-C†PSC- PrP°PSC- C%PsPrPs P±PµP·PİPµPePë P·P°C†C, PsC†C†PiP°PSPSCĬ C, P°PrP°P»P°C, C-P»C† PİP°C†C-C”PSC, P°Pj C-P· C, CĬP¶PePsCĤ PİPµC†C-PSPePsPiPsCĤ PSPµPrPsC†C, P°C, PSC-C†C, CĤ (PeP»P°C† PŸ P·P° CĤPeP°P»PsCĤ PšP°PNëP»PrP° BĤ“ PµBĤ™ CĤ) PsP±PjPµP¶PµPSC-; C† CĤP°P·C- PİCĤPëP·PSP°C†PµPSPSCĬ P»C-PeP°CĤ PİPsPiPëPSPµPS C†PiP°P¶PSPs PsC†C-PSPëC, Pë C-PSPPrPëPIC-PrC†P°P»CĤPSC- PİPµCĤPµPiP°PiPë / CĤPëP·PëPePë. PќPµPjP°C” PrP°PSPëC... C%PsPrPs P·P°C†C, PsC†C†PiP°PSPSCĬ C, P°PrP°P»P°C, C-P»C† PI PrPsP·C- PiPëC%Pµ 10 PjPi PİP°C†C-C”PSC, P°Pj C-P· PİPµC†C-PSPePsPiPsCĤ PSPµPrPsC†C, P°C, PSC-C†C, CĤ. P©PsPrPµPSPSPµ P·P°C†C, PsC†C†PiP°PSPSCĬ C, P°PrP°P»P°C, C-P»C† CĬPe PrP»CĬ P»C-PeC†PiP°PSPSCĬ PİP°C†C-C”PSC, C-PI C-P· PrPsP±CĤPsCĬPeC-C†PSPsCĤ PiC-PİPµCĤPİP»P°P·C-C”CĤ PİPµCĤPµPrPjC-C...C†CĤPsPiPsC— P·P°P»PsP·Pë, C, P°Pe C- P· PµCĤPµPeC, PëP»CĤPSPsCĤ PrPëC†C, C†PSPeC†C-C”CĤ PSPµ PsC†C-PSCĤPiP°P»Pë C† PİP°C†C-C”PSC, C-PI C-P· PİPsCĤPePsPrP¶PµPSPSCĬPjPë PİPµC†C-PSPePë, C, PsPjC† P»C-PeP°CĤ PİPsPiPëPSPµPS CĤPµC, PµP»CĤPSPs PsC†C-PSPëC, Pë C-PSPPrPëPIC-PrC†P°P»CĤPSC- PİPµCĤPµPiP°PiPë / CĤPëP·PëPePë C, P°PePsC— C, PµCĤP°PİC-C— (PrPëPI. CĤPsP·PrC-P»Pë B«PαP°CĤPjP°PePsP»PsPiC-C†PSC- PiP»P°C†C, PëPiPsC†C, C-B» C, P° B«PĥC†PsP±P»PëPiPsC†C, C- P·P°C†C, PsC†C†PiP°PSPSCĬB»).*

*PšPsP»PsPIC-PePë, CĬPeC- PjP°CĤC, CĤ C†CžPeCĤPsPiPëPNë PrC-P°P±PµC, PľPsCĤPµPeC†C-CĬ PrPsP·Pë PSPµ PİPsC, CĤC-P±PSP°.*

*PĥC†PsP±P»PëPIC- P·P°C†C, PµCĤPµP¶PµPSPSCĬ PİCĤPë C†C, PëP»C-P·P°C†C-C—*

*PќPµPiPëPePsCĤPëC†C, P°PSPëPNë PİCĤPµPİP°CĤP°C, P°P±Ps PIC-PrC...PsPrPë C†P»C-Pr C†C, PëP»C-P·C†PiP°C, Pë PIC-PrPİPsPIC-PrPSPs PrPs PrC-CĤC†PëC... PSPsCĤPjP°C, PëPiPSPëC... PiPëPjPsPi.*

**P”C-C,Pë**

PќPµPjP°C” PrP°PSPëC... C%PsPrPs P·P°CÍC,PsCÍCfPIP°PSPSCÍ C,P°PrP°P»P°C,,C-P»Cf PrC-C,CÍPj PrP»CÍ P»C-PeCfPIP°PSPSCÍ PµCĤPµPeC,PëP»CHPSPsC— PrPëCÍC,,CfPSPeC†C-C—.

**PµPµCĤPµPrPsP·CáPIP°PSPSCÍ**

PŸPëPjPiC,PsPjPë. PµCĤPë PsPrPSPsCĤP°P·PsPIPsPjCf P·P°CÍC,PsCÍCfPIP°PSPSC- P·PrPsCĤPsPIPëPjPë PrPsP±CĤPsPIPsP»CHC†CÍPjPë C,P°PrP°P»P°C,,C-P»Cf PI PrPsP·C- PrPs 500 PjPi C- PiCĤPë P±P°PiP°C,PsCĤP°P·PsPIPsPjCf P·P°CÍC,PsCÍCfPIP°PSPSC- C,P°PrP°P»P°C,,C-P»Cf PiP°C†C-C”PSC,P°PjPë PrPs 100 PjPi PSP° PrPsP±Cf PSPµP±P°P¶P°PSC- PµC,,PµPeC,Pë P±CfP»Pë P°PSP°P»PsPiC-C†PSC- C,PëPj, C%Ps CÍPiPsCÍC,PµCĤC-PiP°P»PëCÍCÍ PiCĤPë P·P°CÍC,PsCÍCfPIP°PSPSC- PjPµPSCëPëC... PrPsP· PiCĤPµPiP°CĤP°C,Cf.

P>C-PeCáPIP°PSPSCÍ. Pj CĤP°P·C- PiPµCĤPµPrPsP·CfPIP°PSPSCÍ, CÍPeC%Ps C,CĤPµP±P°, CÍP»C-Pr P·P°CÍC,PsCÍPsPICfPIP°C,Pë CÍC,P°PSPPr°CĤC,PSCf CÍPëPjPiC,PsPjP°C,PëC†PSCf C,PµCĤP°PiC-CĤ. PќP° PµP»C-PjC-PSP°C†C-CĤ C,P°PrP°P»P°C,,C-P»Cf PiPµPjPsPrC-P°P»C-P· PIPiP»PëPIP°PI PSPµC-CÍC,PsC,PSPs.

**PµPsP±C-C†PSC- CĤPµP°PeC†C-C—**

P PµP·CĤPjPµ PiCĤPsC,,C-P»CĤ P±PµP·PiPµPePë P»C-PeP°CĤCÍCHPePsPiPs P·P°CÍPsP±Cé

PќPµP±P°P¶P°PSPëPjPë PµC,,PµPeC,P°PjPë, PiCĤPs CÍPeC- PiPsPIC-PrPsPjP»CÍP»Pë PSP°PNëC†P°CÍC,C-CëPµ PiCĤPë P»C-PeCfPIP°PSPSC- PµCĤPµPeC,PëP»CHPSPsC— PrPëCÍC,,CfPSPeC†C-C— P°P±Ps PrPsP±CĤPsCÍPeC-CÍPSPsC— PiC-PiPµCĤPiP»P°P·C-C— PiPµCĤPµPrPjC-C...CfCĤPsPIPsC— P·P°P»PsP·Pë, P±CfP»Pë PiPsP»PsPIPSPëPNë P±C-P»CH, PrPëCÍPiPµPiCÍC-CÍ, P±C-P»CH CÍ CÍPiPëPSC-, PjC-P°P»PiC-CÍ, C†P°CÍC,PsC,P° PIPëPSPëPePSPµPSPSCÍ CÍPePëC... P·CĤPsCÍC,P°P»P° P·C- P·P±C-P»CHCëPµPSPSCÍPj PrPsP·Pë C,P°PrP°P»P°C,,C-P»Cf. PµPsP±C-C†PSC- CĤPµP°PeC†C-C— P±CfP»Pë PePsCĤPsC,PePsC,CĤPëPIP°P»PëPjPë, P·P°PiP°P»PsPj PIC-Pr P»PµPiPePëC... PrPs PiPsPjC-CĤPSPëC.... P·C-P»CHCëC-CÍC,CH PIPëPiP°PrPeC-PI PiPsCÍPIPë PiPsP»PsPIPSPsPiPs P±PsP»CĤ PiCĤPë C%PsPrPµPSPSPsPjCf PiCĤPëPNëPsPjC- C,P°PrP°P»P°C,,C-P»Cf CÍPiPsCÍC,PµCĤC-PiP°P»P°CÍCÍ PiCĤPsC,CÍPiPsPj PiPµCĤCëPëC... 10вĤ”30 PrC-P± PiC-CÍP»CÍ PiPsC†P°C,PeCf P»C-PeCfPIP°PSPSCÍ.

PŸP°P±P»PëC†PSC- PrP°PSC- PiPsP±C-C†PSPëC... CĤPµP°PeC†C-PNë

PќPëP¶C†PµPSP°PIPµPrPµPSP° C,P°P±P»PëC†CÍ PjC-CÍC,PëC,CH PrP°PSC- C%PsPrPs PiPsP±C-C†PSPëC... CĤPµP°PeC†C-PNë P·C- CÍPiPsPSC,P°PSPSPëC... PiPsPIC-PrPsPjP»PµPSCĤ C,P° PiP»P°C†PµP±Ps-PePsPSC,CĤPsP»CHPsPIP°PSPëC... PeP»C-PSC-C†PSPëC...



PrPsCfP»C-PrP¶PµPSCн (PIPeP»CнC±P°P»Pë PI C†C-P»PsPjCf 8022 PïP°C†C-C”PSC,C-PI, C¶PeC- PsC,CнPëPjCfPïP°P»Pë C,P°PrP°P»P°C,,C-P», C,P° 4422 PïP°C†C-C”PSC,C-PI, C¶PeC- PsC,CнPëPjCfPïP°P»Pë PïP»P°C†PµP±Ps) C-P· P·P°C†C,PсC†CfPïP°PSPSC¶ C,P°PrP°P»P°C,,C-P»Cf Cf CнP°P·C- PïPsC,CнPµP±Pë C,P° C%PsPrPµPSPSPsPiPs P·P°C†C,PсC†CfPïP°PSPSC¶ PrP»C¶ P»C-PeCfPïP°PSPSC¶ PµCнPµPeC,PëP»CнPSPSC— PrPëC†C,,CfPSPeC†C-C— C- C%PsPrPµPSPSPsPiPs P·P°C†C,PсC†CfPïP°PSPSC¶ PrP»C¶ P»C-PeCfPïP°PSPSC¶ PrPsP±CнPsC¶PeC-C†PSPsC— PiC-PïPµCнPïP»P°P·C-C— PïPµCнPµPrPjC-C...CfCнPsPiPsC— P·P°P»PsP·Pë.

P”CfP¶Pµ C±P°C†C,Pс (≥ 1/10), C±P°C†C,Pс (≥ 1/100 C,P° < 1/10), PSPµC±P°C†C,Pс (≥ 1/1000 C,P° < 1/100), CнC-PrPePs (≥ 1/10000 C,P° < 1/1000), PrCfP¶Pµ CнC-PrPePs (< 1/10000), C±P°C†C,PсC,P° PSPµPIC-PrPsPjP° (C±P°C†C,PсC,P° PSPµ PjPsP¶Pµ P±CfC,Pë PIC†C,P°PSPsPïP»PµPSP°, PïPëC...PsPrC¶C±Pë P·PSP°C¶PïPSPëC... PrP°PSPëC...).

P”CfP¶Pµ C±P°C†C,Pс (≥ 1/10)	PSP°C†C,Pс (≥ 1/100 PrPs > 1/10)	PкPµC±P°C†C,Pс (≥ 1/1000 PrPs 1/100)	P C-PrPePs (≥ 1/10000 PrPs 1/1000)	PSP°C†C,PсC,P° PSPµPIC-PrPsPjP° (C±P°C†C,PсC,P° PSPµ PjPsP¶Pµ P±CfC,Pë PïC†C,P°PSPsPïP»PµPSP°, PïPëC...PsPrC¶C±Pë P·PSP°C¶PïPSPëC... PrP°PSPëC...)	
P— P±PsPeCf C-PjCfPSPSPс— C†PëC†C,PµPjPë					
		P PµP°PeC†C-C— PiC-PïPµCнC±CfC,P»PëPiPsC†C,C-	PµPSPiC-PsPSPµPïCнPsC,PëC±PSPëPµ PSP°P±CнC¶C¶²		
P— P±PsPeCf PSPµCнPïPSPsPiPsC— C†PëC†C,PµPjPë					
	P”PsP»PsPïPSPëPµ P±C-P»Cн	P—P°PïP°PjPsCнPsC±PµPSPSC¶	PµPsCнCfCëPµPSPSC¶ PjPsP·PePsPiPsPiPs PeCнPsPiPsP±C-PiCf¹ (PIPeP»CнC±P°CнC±Pë PïPµPjPsCнP°PiC-C±PSC-C¶PïPëC%P°), PïC,CнP°C,P° C†PIC-PrPsPjPsC†C,C-, C,CнP°PSP·PëC,PсCнPSP° C-CëPµPjC-C±PSP° P°C,P°PeP¹, PjC-PiCнPµPSCн², C†CfPrPsPjPë², C,CнP°PSP·PëC,PсCнPSP° P°PjPSPµP·C-C¶		
P— P±PsPeCf PsCнPïP°PSC-PI P·PsCнCf					
		PкPµC±C-C,PëC-C†C,Cн P·PsCнCf, PïC-PrC±CfC,C,C¶ P±PsP»Cн PI PsC±P°C...	P”PµC,,PµPeC,Pë PïPsP»C¶ P·PsCнCf, PSP°P±CнC¶Pë PïPsPIC-Pë, PePsPSн” CнPSPeC,PëPïP°P»CнPSP° PiC-PïPµCнPµPjC-C¶, PSPµP°CнC,PµCнC-P°P»CнPSP° PïPµCнPµPrPSPSC¶ C-CëPµPjC-C±PSP° PsPïC,PëC±PSP° PSPµPµCнPsPïP°C,C-C¶ (PкPµPµPµPµPµ)², PsPeP»CнP·C-C¶ PïPµPS C†C-C,PëC-PïPëPë²	PïPµPSC,CнP°P»CнPSP° C†PµCнPsP·PSP° C...PсCнC-PсCнPµC,PëPSPsPïP°C,C-C¶ (PïPµPµ Pµ)	
P— P±PsPeCf PsCнPïP°PSC-PI C†P»CfC...Cf C,P° CнC-PïPSPsPïP°PïPë					
		P”P·PIC-PS Cf PïCfC...P°C...	P P°PïC,PsPïP° PïC,CнP°C,P° C†P»CfC...Cf		
P— P±PsPeCf C†PµCнC†PµPïPSPс— C†PëC†C,PµPjPë¹					
		P”P°C...C-PëP°CнPrC-C¶, PïCнPëC†PëPsCнPµPSPµ C†PµCнC†PµP±PëC,C,C¶	P”PSC,,P°CнPeC, PjC-PsPeP°CнPrP°°, PSPµC†C,P°P±C-P»CнPSP° C†C,PµPSPsPeP°CнPrC-C¶², CëP»CfPSPsC±PëPsPïP° P°CнPëC,PjC-C¶²		
P— P±PsPeCf C†CfPrPëPSPSPс— C†PëC†C,PµPjPë					
	PµCнPëPïP»PëPïPë	PµCнC,PµCнC-P°P»CнPSP° PiC-PïPsC,PµPSP·C-C¶², P°CнC,PµCнC-P°P»CнPSP° PiC-PïPµCнC,PµPSP·C-C¶			
P— P±PsPeCf CнPµC†PïC-CнP°C,PсCнPSPс— C†PëC†C,PµPjPë					
	P—P°PeP»P°PrPµPSC-C†C,CнP”PëC†PïPSPsPµ, PSPсC†PsPïP° PSPC†P°	PëCнPsPiPsC,PµC±P°			
P— P±PsPeCf CëP»CfPSPePsPiPs-PëPëCëPëPsPiPsPiPs C,CнP°PeC,Cf					
	P”PëC†PïPµPïCfC-C¶	PµP±PrPsPjC-PSP°P»CнPSPëPµ P±C-P»Cн, P±P»CнPïP°PSPSC¶, PSCfPrPsC,P°B PïP°C†C,CнPsPµP·PsC,,P°PïPµP°P»CнPSPëPµ CнPµC,,P»CнPeC†			
P— P±PsPeCf CëPeC-CнPë C,P° PïC-PrCëPeC-CнPSPëC... C,PëP°PSPëPS					
		P”PëC†PëPïP°PSPSC¶	PµCнPsPïPëPïP” C¶PSPeP°, C†PëPSPPrCнPsPj P”C,P-PIPµPSC†P° B” P”P¶PSC†PsPSP°², PµPeC†C,,PsP»C-P°C,PëPïPSPëPµ PrPµCнPjP°C,PëC,², PiC-PïPµCнPiC-PrCнPsP· (PSP°PrPjC-CнPSPµ PïPsC,PsPïPëPrC-P»PµPSPSC¶)		
P— P±PsPeCf PsPïPsCнPSPс-CнCfC...PsPiPsPiPs P°PïP°CнP°C,Cf, C†PïPsP»CfC±PSPс— C,P° PeC-C†C,PëPsPiPs-PjP” C¶P·PsPiPsC— C,PëP°PSPëPSPë					
	P”C-P»Cн Cf C†PïPëPSC-, PjC-P°P»PiC-C¶, P±C-P»Cн Cf PeC-PSC†C-PIPeP°C...				
P— P±PsPeCf PSPëCнPsPe C,P° C†PµC±PsPïPëPrC-P»CнPSPс— C†PëC†C,PµPjPë					
		P”PµPjP°C,CfCнC-C¶			

P— P±PsPeCf ЧҖPµPіCҖPsPrCfPeC, PēPIPSPsC— CГPēCГC, PµPjPē			
		PµPsPrPsPIP¶PµPSP° PµCҖPµPeC†C—CЦ	PµCҖC—P°PIC—P·Pj, PeCҖPsPIPsC, PµC±P° P·C—CГC, P°C, PµPIPsPIPs C±P»PµPSP°, PµPjPµCГPµCҖPjC—CЦ
P—P°PIP°P»ЧҖPSC— ЧҖPsP·P»PrPē C, P° CГC, P°PS CГ PjC—CГC†C— PIPµPrPµPSPSCЦ			
		P°C—P»ЧҖ CГ PµCҖCfPrCЦC... <sup>1</sup> , PIPµCҖPēC, PµCҖPēC±PSC—PSP°P±CҖCЦPµPē, PµC—PrPIPēC%PµPSP°PIC, PsPjP»ЧҖPIP°PSC—CГC, ЧҖ	PµP°P±CҖCЦPe PsP±P»PēC±CЦ <sup>2</sup> , ЧҖP°PIC, PsPIP° CГPµCҖC†PµPIP° CГPjPµCҖC, ЧҖ <sup>1,2</sup>

<sup>1</sup>P°C—P»ЧҖC€C—CГC, ЧҖ PµP°C†C—C”PSC, C—PI, CГ CЦPµPēC... CГPµPsCГC, PµCҖC—PµP°P»PēCГCЦ C, P°PeC— PµPsP±C—C±PSC— ЧҖPµP°PeC†C—C—, PjP°P»Pē C,, P°PeC, PsCҖPē ЧҖPēP·PēPeCГ P· P±PsPeCГ CГPµCҖC†PµPIPs—CГCГPrPēPSPSPsC— CГPēCГC, PµPjPē PI P°PSP°PjPSPµP·C— (PrPēPI. ЧҖPsP·PrC—P» B«PµCГPsP±P»PēPIPsCГC, C— P·P°CГC, PsCГCГPIP°PSPSCЦB»).

<sup>2</sup>PµPsP±C—C±PSC— ЧҖPµP°PeC†C—C— P· PµPsCГC, PjP°CҖPµPePµC, PēPSPµPsPIPēC... PrPsCГP»C—PrP¶PµPSCҖ, CЦPµC— PSPµ CГPµPsCГC, PµCҖC—PµP°P»PēCГCЦ PI C...PsPrC— PµP»P°C†PµP±Ps—PePsPSC, ЧҖPsP»ЧҖPsPIP°PSPēC... PeP»C—PSC—C±PSPēC... PrPsCГP»C—PrP¶PµPSCҖ.

<sup>3</sup>P§P°CГC, C—C€Pµ PµPsPIC—PrPsPjP»CЦP»Pē CГ ЧҖP°P·C— P·P°CГC, PsCГCГPIP°PSPSCЦ C, P°PrP°P»P°C,, C—P»CГ ЧҖP°P·PsPj P· P°PSC, PēPIC—PµPµCҖC, PµPSP·PēPIPSPēPjPē P·P°CГPsP±P°PjPē.

*PµPeCҖPµPjC— PµPsP±C—C±PSC— ЧҖPµP°PeC†C—C—.* PµPsPIC—PrPsPjP»CЦP»Pē PµCҖPs C, ЧҖPsC...Pē PIPēC%CГ C±P°CГC, PsC, CГ P°PSPsPjP°P»C—Pµ PSP° P·PµP”, CГ PµPµCҖC€CГ C±PµCҖPµCГ PµCҖPs CГPēPSCГCГPsPICГ P±CҖP°PrPēPeP°CҖPrC—CҖ, CГ PµP°C†C—C”PSC, C—PI, CЦPµC— PsC, ЧҖPēPjCГPIP°P»Pē C, P°PrP°P»P°C,, C—P» 1 ЧҖP°P· PSP° PrPsP±CГ, PµPsCҖC—PIPSCЦPSPs P· PµP°C†C—C”PSC, P°PjPē, CЦPµC— PµCҖPēPµPjP°P»Pē PµP»P°C†PµP±Ps. P°C—P»ЧҖC€C—CГC, ЧҖ C†PēC... P°PSPsPjP°P»C—Pµ PSP° P·PµP” PSPµ P±CГP»Pē PµPsPIBҖ™ CЦP·P°PSC— P· PµCҖPsCЦPIPsPj PµPsP±C—C±PSPēC... ЧҖPµP°PeC†C—Pµ.

*PµCГPsP±P»PēPIC— PµCҖCáPµPē PµP°C†C—C”PSC, C—PI.* P”P°PSC— C%PsPrPs P·P°CГC, PsCГCГPIP°PSPSCЦ C, P°PrP°P»P°C,, C—P»CГ PµP°C†C—C”PSC, P°Pj PIC—PePsPj PµPsPSP°Pr 65 ЧҖPsPeC—PI CГ C...PsPrC— PeP»C—PSC—C±PSPēC... PrPsCГP»C—PrP¶PµPSCҖ, CЦPµ PrP»CЦ P»C—PeCГPIP°PSPSCЦ PµCҖPµPeC, PēP»ЧҖPSPsC— PrPēCГC,, CГPSPeC†C—C—, C, P°Pe C— PrP»CЦ P»C—PeCГPIP°PSPSCЦ PrPsP±CҖPsCЦPµC—CГPSPsC— PµC—PµPµCҖPµPµP»P°P·C—C— PµPµCҖPµPrPjC—C...CГCҖPsPIPsC— P·P°P»PsP·Pē, PsP±PjPµP¶PµPSC—. Pj C...PsPrC— PeP»C—PSC—C±PSPēC... PrPsCГP»C—PrP¶PµPSCҖ PµC—Pr C±P°CГ P·P°CГC, PsCГCГPIP°PSPSCЦ C, P°PrP°P»P°C,, C—P»CГ P·P° PµPsC, ЧҖPµP±PsCҖ (PI PrPsP·C— 20 PjPi) PrP»CЦ P»C—PeCГPIP°PSPSCЦ PµCҖPµPeC, PēP»ЧҖPSPsC— PrPēCГC,, CГPSPeC†C—C— PrC—P°CҖPµCЦ C±P°CГC, C—C€Pµ PIPēPSPēPeP°P»P° CГ PµP°C†C—C”PSC, C—PI PIC—PePsPj PµPsPSP°Pr 65 ЧҖPsPeC—PI. Pj C...PsPrC— PeP»C—PSC—C±PSPēC... PrPsCГP»C—PrP¶PµPSCҖ PµC—Pr C±P°CГ P·P°CГC, PsCГCГPIP°PSPSCЦ C, P°PrP°P»P°C,, C—P»CГ PI PrPsP·C— 5 PjPi 1 ЧҖP°P· PSP° PrPsP±CГ PrP»CЦ P»C—PeCГPIP°PSPSCЦ PrPsP±CҖPsCЦPµC—CГPSPsC— PµC—PµPµCҖPµPµP»P°P·C—C— PµPµCҖPµPrPjC—C...CГCҖPsPIPsC— P·P°P»PsP·Pē CЦPIPēC%P° P·P°PµP°PjPsCҖPsC±PµPSPSCЦ C, P° PrC—P°CҖPµC— C±P°CГC, C—C€Pµ CГPµPsCГC, PµCҖC—PµP°P»PēCГCЦ CГ PµP°C†C—C”PSC, C—PI PIC—PePsPj PµPsPSP°Pr 75 ЧҖPsPeC—PI.

*PµPsPIC—PrPsPjP»PµPSPSCЦ PµCҖPs PµC—PrPsP·CҖPµPIP°PSC— PµPsP±C—C±PSC— ЧҖPµP°PeC†C—C—*

РиPsPIC-PrPsPjP»PμPSPSCЦ ПiCтPs ПiPsP±C-C±PSC- CтPμP°PeC†C-C— ПiC-СГР»CЦ  
CтPμC”CГC,CтP°C†C-C— P»C-PeP°CтCГCтPеPsPiPs P·P°CГPsP±C† PjP°C” PIP°P¶P»PëPIPμ  
P·PSP°C±PμPSPSCЦ. P¶Pμ PrP°C” P·PjPsPiC† ПiCтPsPIPsPrPëC,Pë PjPsPSC-C,PсCтPëPSPi  
CГPiC-PIPIC-PrPSPсC€PμPSPSCЦ PePsCтPëCГC,CH / CтPëP·PëPe ПiCтPë  
P·P°CГC,PсCГC†PIP°PSPSC- C†CHPsPiPs P»C-PeP°CтCГCтPеPsPiPs P·P°CГPsP±C†.  
PтPμPrPëC±PSPëPj C,P° C,,P°CтPjP°C†PμPIC,PëC±PSPëPj ПiCтP°C†C-PIPSPëPeP°Pj, P°  
C,P°PePsP¶ ПiP°C†C-C”PSC,P°Pj P°P±Ps C—C...PSC-Pj P·P°PePsPSPSPëPj  
ПiCтPμPrCГC,P°PIPSPëPeP°Pj CГP»C-Pr ПiPsPIC-PrPsPjP»CЦC,Pë ПiCтPs C†CГC-  
PIPëPiP°PrPePë ПiC-PrPsP·CтCтPIP°PSPëC... ПiPsP±C-C±PSPëC... CтPμP°PeC†C-PMе C,P°  
PIC-PrCГC†C,PSPсCГC,C- PμC,,PμPeC,PëPIPSPсCГC,C- P»C-PeP°CтCГCтPеPsPiPs P·P°CГPsP±C†  
C±PμCтPμP· PтPIC,PсPjP°C,PëP·PsPIP°PSC† C-PSC,,PсCтPjP°C†C-PMеPSC† CГPëCГC,PμPjC† P·  
C,,P°CтPjP°PePsPSP°PiP»CЦPrC† P·P° ПiPsCГPëP»P°PSPSCЦPj: <https://aisf.dec.gov.ua>.

### **РђPμCтPjC-PS ПiCтPëPrP°C,PSPсCГC,C-**

3 CтPsPePë.

### **PjPjPsPIPë P·P±PμCтC-PIP°PSPSCЦ**

P—P±PμCтC-PIP°C,Pë PI PsCтPëPiC-PSP°P»CHPSC-PMе C†PiP°PePsPIC†C- ПiCтPë  
C,PμPjPiPμCтP°C,C†CтC- PSPμ PIPëC%Pμ 25 B°PŸ. P—P±PμCтC-PIP°C,Pë C†  
PSPμPrPsCГC,C†PiPSPsPjC† PrP»CЦ PrC-C,PμPMе PjC-CГC†C-.

### **PjPiP°PePsPIPeP°**

P”P»CЦ PrPsP·C†PIP°PSPSCЦ 2,5 PjPi C,P° 5 PjPi: ПiPs 14 C,P°P±P»PμC,PсPe C†  
P±P»C-CГC,PμCтC-; ПiPs 2 P±P»C-CГC,PμCтPë PI PeP°CтC,PсPSPSC-PMе PePsCтPsP±C†C-.

P”P»CЦ PrPsP·C†PIP°PSPSCЦ 10 PjPi: ПiPs 1 P°P±Ps ПiPs 2 C,P°P±P»PμC,PePë C†  
P±P»C-CГC,PμCтC-; ПiPs 1 P±P»C-CГC,PμCтC† PI PeP°CтC,PсPSPSC-PMе PePsCтPsP±C†C-.

P”P»CЦ PrPsP·C†PIP°PSPSCЦ 20 PjPi: ПiPs 1 P°P±Ps 2 C,P°P±P»PμC,PePë C†  
P±P»C-CГC,PμCтC-; ПiPs 1 P±P»C-CГC,PμCтC† PI PeP°CтC,PсPSPSC-PMе PePsCтPsP±C†C-;

ПiPs 4 C,P°P±P»PμC,PePë C† P±P»C-CГC,PμCтC-; ПiPs 1 P°P±Ps ПiPs 2, P°P±Ps ПiPs 3  
P±P»C-CГC,PμCтPë PI PeP°CтC,PсPSPSC-PMе PePsCтPsP±C†C-.

### **РљP°C,PμPiPsCтC-CЦ PIC-PrPiC†CГPeC†. P—P° CтPμC†PμPiC,PсPj.**

### **P’PëCтPsP±PSPëPe**

PαP°CтPjP°C†PμPIC,PëC±PSPëPMе P·P°PIPsPr B«PμPhP>P-PαPтP PтPтB» PŸ.Pт.

Pharmaceutical Works втPμPOLPHARMAвтP S.A.

**РњС-СГС†РμР·РSP°С...РsРrР¶РμРSPSCЦ ПIPëCᄡPsP±PSPëPеP° С,Р° Р°РrCᄡРμCГP°  
PjC-СГС†CЦ PïCᄡPsPIP°РrР¶РμРSPSCЦ РNөPsPiPs РrC-СЦP»СᄡPSPsCГC,C-**

P'PëCᄡPsP±PSPëC†Pμ PIC-PrPrC-P»PμPSPSCЦ PI PќPsPIC-PNө P"РμPjP±C-, PICrP».  
РњРμC,Р°P»PsPIC†P° 2, 39-460 PќPsPIP°-P"РμPjP±P°, PцPsP»СᄡC%P°/

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