

P†PǀPŸPŸP PJPŸP|P†Pİ

**PrP»Cİ PjPµPrPëC†PSPsPiPs P•P°CÍC,PsCÍCfPIP°PSPSCİ P»C-PeP°CḡCÍCḡPePsPiPs
P•P°CÍPsP±Cf**

P”CfP»PsPeCÍPµPSC,P°^B

(Duloxenta^B)

PŸPeP»P°Pr:

PrC-CḡC†P° CḡPµC†PsPIPëPSP°: PrCfP»PsPeCÍPµC,PëPSCf PiC-PrCḡPsC...P»PsCḡPëPr;

1 PeP°PīCÍCfP»P° PePëCēPePsPIPsCḡPsP·C†PëPSPSP° C,PIPµCḡPrP° PjC-CÍC,PëC,Cḡ 30 PjPi
P°P±Ps 60 PjPi PrCfP»PsPeCÍPµC,PëPSCf Cf PIPëPiP»CİPrC- PrCfP»PsPeCÍPµC,PëPSCf
PiC-PrCḡPsC...P»PsCḡPëPrCf;

PrPsPiPsPjC-PŸPSC- CḡPµC†PsPIPëPSPë: C†CfPePsCḡ CÍC,„PµCḡPëC†PSPëPN
(CÍP°C...P°CḡPsP·P°, PeCḡPsC...PjP°P»Cḡ PeCfPeCfCḡCfPrP·CİPSPëPN),
PiC-PīCḡPsPjPµP»PsP·P°, CÍP°C...P°CḡPsP·P°, PiC-PīCḡPsPjPµP»PsP·Pë C,,C,P°P»P°C,,
C,P°P»CḡPe, C,CḡPëPµC,PëP»C†PëC,CḡP°C,;

PsP±PsP»PsPSPeP° PeP°PīCÍCfP»Pë PrP»Cİ PrPsP·CfPIP°PSPSCİ 30 PjPi: C,PëC,P°PSCf
PrC-PsPeCÍPëPr (P• 171), C-PSPrPëPiPsC,PëPS (P• 132), PŸPµP»P°C,PëPS, C,,P°CḡP±P°
PrCḡCfPeP°CḡCÍCḡPeP° (CēPµP»P°Pe, P·P°P»C-P·P° PsPeCÍPëPr C†PsCḡPSPëPN (P• 172));

PsP±PsP»PsPSPeP° PeP°PīCÍCfP»Pë PrP»Cİ PrPsP·CfPIP°PSPSCİ 60 PjPi: C,PëC,P°PSCf
PrC-PsPeCÍPëPr (P• 171), C-PSPrPëPiPsC,PëPS (P• 132), P·P°P»C-P·P° PsPeCÍPëPr PŸPsPIC,PëPN
(E 172), PŸPµP»P°C,PëPS, C,,P°CḡP±P° PrCḡCfPeP°CḡCÍCḡPeP° (CēPµP»P°Pe, P·P°P»C-P·P°
PsPeCÍPëPr C†PsCḡPSPëPN (P• 172)).

P»C-PeP°CḡCÍCḡPeP° C,,PsCḡPjP°. PŸP°PīCÍCfP»Pë PePëCēPePsPIPsCḡPsP·C†PëPSPSC-
C,PIPµCḡPrC-.

PḡCÍPSPsPIPSC- C,,C-P·PëPePs-C...C-PjC-C†PSC- PIP»P°CÍC,PëPIPsCÍC,C-:

PrPsP·CfPIP°PSPSCİ 30 PjPi: PIC-Pr P±C-P»PsPiPs PrPs PjP°PNPŸPµ P±C-P»PsPiPs
PePsP»CḡPsCḡCf PīPµP»PµC,Pë Cf C,PIPµCḡPrC-PN PŸPµP»P°C,PëPSPsPIC-PN
PeP°PīCÍCfP»C- CḡPsP·PjC-CḡPsPj B,- 3 P· PePsCḡPīCÍCÍPsPj P±C-P»PsPiPs
PePsP»CḡPsCḡCf C- PeCḡPëCēPµC†PePsCḡ C,PµPjPSPs-CÍPëPSCḡPsPiPs
PePsP»CḡPsCḡCf; PSP° PePsCḡPīCÍCÍC- PSP°PrCḡCfPePsPIP°PSPs 30 C†PsCḡPSPëPj
PePsP»CḡPsCḡPsPj;

PrPsP·CfPIP°PSPSCЦ 60 PjPi: PIC-Pr P±C-P»PsPiPs PrPs PjP°PN°P¶Pµ P±C-P»PsPiPs PePsP»CHPsC҃Cf PµPµP»PµC,Pe Cf C,PIPµC҃Prc-PN° P¶PµP»P°C,PePSPsPIC-PN° PeP°PiCfCfP»C- C҃PpsP·PjC-C҃PpsPj B,, - 1 P· PePsC҃PµCfCfPpsPj P¶PµPIC,CfPIP°C,Ps- P·PµP»PµPSPsPiPs PePsP»CHPsC҃Cf C- PeC҃PµCfPµC±PePsC҃ C,PµPjPSPs- CfPµPSPsPiPs PePsP»CHPsC҃Cf; PSP° PePsC҃PµCfCfC- PSP°PrC҃CfPePsPIP°PSPs 60 C±PsC҃PSPµPj PePsP»CHPsC҃PpsPj.

PαP°C҃PjP°PePsC,PµC҃P°PµPIC,PёC±PSP° PiC҃CfPµP°.

[PµCfPёC...PsP°PSP°P»PµPiC,PёPePё.](#) P†PSCёC- P°PSC,PёPrPµPiC҃PµCfP°PSC,Pё.
PµPsPr P҃P҃P҃ N06P҃ P҃21.

PαP°C҃PjP°PePsP»PsPiC-C±PSC- PIP»P°CfC,PёPIPsCfC,C-.

PαP°C҃PjP°PePsPrPёPSP°PjC-PeP°.

PµPµC...P°PSC-P·Pj PrC-C—

P”CfP»PsPeCfPµC,PёPS B҃” C†Pµ PePsPjP±C-PSPsPIP°PSPёPN° C-PSPiC-P±C-C,PsC҃ P·PIPsC҃PµC,PSPsPiPs P·P°C...PsPiP»PµPSPSCЦ CfPµC҃PµC,PsPSC-PSCf (5-P҃P҃) C- PSPsC҃P°PrC҃PµPSP°P»C-PSCf (P҃P҃). P’C-PS CfP»P°P±PePs PiC҃PёPiPSC-C±CfC” P·PIPsC҃PµC,PSPµ P·P°C...PsPiP»PµPSPSCЦ PrPsC,,P°PjC-PSCf, P±PµP· P·PSP°C±PSPsC— CfPiPsC҃C-PrPSPµPSPsCfC,C- PrPs PiC-CfC,P°PjC-PSPµC҃PiC-C±PSC-C... C- PrPsC,,P°PjC-PSPµC҃PiC-C±PSC-C..., C...PsP»C-PSPµC҃PiC-C±PSPёC... C- P°PrC҃PµPSPµC҃PiC-C±PSPёC... C҃PµC†PµPiC,PsC҃C-PI.

P”CfP»PsPeCfPµC,PёPSB P·P°P»PµP¶PSPs PIC-Pr PrPsP·Pё PiC-PrPIPёC%oCfC” PµPsP·P°PeP»C-C,PёPSPSC- C҃C-PIPSC- CfPµC҃PµC,PsPSC-PSCf C,P° PSPsC҃P°PrC҃PµPSP°P»C-PSCf PI C҃C-P·PSC-C... PrC-P»CЦPSPeP°C... PjPsP·PeCf C,PIP°C҃PёPS.

P”CfP»PsPeCfPµC,PёPS PSPsC҃PjP°P»C-P·CfPIP°PI P±PsP»CHPsPIC- PiPsC҃PµPiPё PI PeC-P»CHPePsC... PrPsPeP»C-PSC-C±PSPёC... PjPsPrPµP»CЦC... PSPµPN°C҃PµPiP°C,PёC±PSPsPiPs C,P° P·P°PiP°P»CHPSPsPiPs P±PsP»C҃ C,P° PsCfP»P°P±PёPI P±PsP»CHPsPICf PiPsPIPµPrC-PSPeCf PI PjPsPrPµP»C- PiPsCfC,C-PN°PSPsPiPs P±PsP»C҃. P’PIP°P¶P°C”C,CHCfCЦ, C%oPs PiP°P»CHPjC-PIPSP° PrC-CЦ PrCfP»PsPeCfPµC,PёPSCf PSP° P±C-P»CH C” C҃PµP·CfP»CHC,P°C,PsPj PiPsC,PµPSC†C-C҃HIP°PSPSCЦ PSPёP·C...C-PrPSPёC... PiP°P»CHPjC-PIPSPёC... CёP»CЦC...C-PI P±PsP»C҃ PI C†PµPSC,C҃P°P»CHPSC-PN° PSPµC҃PIPsPIC-PN° CfPёCfC,PµPjC-.

PαP°C҃PjP°PePsPeC-PSPµC,PёPeP°.

P”CfP»PsPeCfPµC,PёPS PiC҃PёP·PSP°C±P°C҃C,CH Cf PIPёPiP»CЦPrC- PsPeC҃PµPjPsPiPs PµPSP°PSC,C-PsPjPµC҃Cf. P”CfP»PsPeCfPµC,PёPS C-PSC,PµPSCfPёPIPSPs PjPµC,P°P±PsP»C-P·CfC”C,CHCfCЦ PsPePёCfPSPёPjPё C,,PµC҃PjPµPSC,P°PjPё (CYP1A2 C,P° PiPsP»C-PjPsC҃C,,PSPёPj CYP2D6), P· PiPsPrP°P»CHCёPsC҃ PePsPSB҃” C҃PiP°C†C-C”C҃. PαP°C҃PjP°PePsPeC-PSPµC,PёPeP° PrCfP»PsPeCfPµC,PёPSCf PrPµPjPsPSCfC,C҃CfC” PIPµP»PёPeCf PjC-PSP»PёPIC-CfC,CH PjC-P¶ CfCfP±B҃”C”PeC,P°PjPё (P·P°PiP°P»PsPj 50-60 %), C±P°CfC,PePsPIPs C±PµC҃PµP· CfC,P°C,CH, PIC-Pe, PeCfC҃C-PSPSCЦ C,P° CfC,P°C,CfCf

PjPμC, P°P±PsP»C-P·PjCf CYP2D6.

PħP±CfPScħP±C†C-Cf

PμCħPë PīPμCħPScħP°P»CħPSPSPjCf PīCħPëPNēPsPjC- PrCfP»PsPeCfPμC, PëPS PrPsP±CħPμ PICfPjPsPeC, Cfc" C, CħCfCf. PħP°PeCfPëPjP°P»CħPSP° PePsPSC†PμPSC, CħP°C†C-Cf PrPsCfCfPīP°C" C, CħCfCf C†PμCħPμP· 6 PiPsPrPëPS PīC-CfP»Cf PīCħPëPNēPsPjCf PīCħPμPīP°CħP°C, Cf. PħP±CfPScħP, PSP° P±C-PsPrPsCfC, CfPīPSC-CfC, Cħ PrCfP»PsPeCfPμC, PëPSCf PīCħPë PīPμCħPScħP°P»CħPSPSPjCf PīCħPëPNēPsPjC- PePsP»PëPIP°P»P°CfCf PIC-Pr 32 % PrPs 80 % (Cf CfPμCħPμPrPSCħPSPjCf 50 %). PμCħPëPNēPsPj C-P¶C- P·P°C, CħPëPjCfC" C†P°Cf P°P±CfPScħP±C†C-C-, C†P°Cf PrPsCfCfPīPSPμPSPSCf PjP°PeCfPëPjP°P»CħPSPSc- PePsPSC†PμPSC, CħP°C†C-C- P·P±C-P»CħC€CfC" C, CħCfCf P· 6 PrPs

10 PiPsPrPëPS, PīCħPë C†CħPSPjCf PICfPjPsPeC, CfPIP°PSPSCf P·PjPμPSC€CfC" C, CħCfCf (PīCħPëP±P»PëP·PSPs PSP° 11 %). PīC- P·PjC-PSPë PSPμ PjP°CħC, Cħ PeP»C-PSC-C†PSPsPiPs P·PSP°C†PμPSPSCf.

P PsP·PīPsPrC-P»

P" CfP»PsPeCfPμC, PëPS PμC,, PμPeC, PëPIPSPs P·PīBħ™ CfP·CfC" C, CħCfCf P· P±C-P»PeP°PjPë CfPëCħPSPiP°C, PePë PeCħPSPiC- P»CħPrPëPSPë (PīCħPëP±P»PëP·PSPs PSP° 96 %), CfPe P· P°P»CħP±CfPjC-PSPsPj, C, P°Pe C- P· P°P»CħC,, P°-1-PëPëCfP»PëPj PīP»C-PePsPīCħPSc, PμC—PSPsPj. PμPμC†C-PSPePsPIP° C†Pë PSPëCħPePsPIP° PSPμPrPsCfC, P°C, PSC-CfC, Cħ PSPμ PīPīP»PëPIP°CħC, Cħ PSP° P·PīBħ™ CfP·CfPIP°PSPSCf P±C-P»PeC-PI.

P' C-PsC, CħP°PSCfC,, PsCħPjP°C†C-Cf

P" CfP»PsPeCfPμC, PëPS C-PSC, PμPSCfPëPIPSPs PjPμC, P°P±PsP»C-P·CfC" C, CħCfCf, C- PjPμC, P°P±PsP»C-C, Pë PIPëPIPSPScfC, CħCfCf PīPμCħPμPīP°P¶PSPs C-P· CfPμC†PμCħ. PħP±PëPrPIP° C†PëC, PsC...CħPSPjPë P450-2D6 C- 1A2 PeP°C, P°P»C-P·CfCħC, Cħ CfC, PIPScħPμPSPSCf PrPIPSc... PsCfPSPsPIPSPëC... PjPμC, P°P±PsP»C-C, C-PI PīP»CħPeCfCħPSPSC-PrPSPsPiPs PePsPSBħ™ CħPīP°C, Cf 4- PīC-PrCħPSPeCfPëPrCfP»PsPeCfPμC, PëPSCf C- CfCfP»CħC,, P°C, PSPsPiPs PePsPSBħ™ CħPīP°C, Cf 5-PīC-PrCħPSPeCfPë-6-PjPμC, PsPeCfPëPrCfP»PsPeCfPμC, PëPSCf. PkP° PsCfPSPsPIC- PrPsCfP»C-PrP¶PμPSCħ in vitro C†PëCħPeCfP»CħCħC†C- PjPμC, P°P±PsP»C-C, Pë PrCfP»PsPeCfPμC, PëPSCf PIPIP°P¶P°CħC, CħCfCf C,, P°CħPjP°PePsP»PsPīC-C†PSPs PSPμP°PeC, PëPIPSPëPjPë. PαP°CħPjP°PePsPeC-PSPμC, PëPeCf PrCfP»PsPeCfPμC, PëPSCf Cf PīP°C†C-C" PSC, C-PI, CfPeC- PīPsPīP°PSPs PjPμC, P°P±PsP»C-P·CfCħC, Cħ CYP2D6, CfPīPμC†C-P°P»CħPSPs PSPμ PrPsCfP»C-PrP¶CfPIP°P»Pë. PħP±PjPμP¶PμPSC- PrP°PSC- CfPIC-PrC†P°C, Cħ PīCħPSc C, Pμ, C%Ps CħC-PIPSC- PrCfP»PsPeCfPμC, PëPSCf Cf PīP»P°P·PjC- PeCħPSPiC- Cf C†PëC... PīP°C†C-C" PSC, C-PI PIPëC% C-.

P' PëPIPμPrPμPSPSCf

PμPμCħC-PsPr PSP°PīC-PIPIPëPIPμPrPμPSPSCf PrCfP»PsPeCfPμC, PëPSCf CfC, P°PSPsPIPëC, Cħ 12 PiPsPrPëPS. PŸPμCħPμPrPSC-PNē PeP»C-CħPμPSCf PrCfP»PsPeCfPμC, PëPSCf Cf PīP»P°P·PjC- Bħ" 101 P»/PiPsPr.

PμPμCħC-PsPr PSP°PīC-PIPIPëPIPμPrPμPSPSCf PrCfP»PsPeCfPμC, PëPSCf CfC, P°PSPsPIPëC, Cħ PIC-Pr 8 PrPs 17 PiPsPrPëPS (Cf CfPμCħPμPrPSCħPSPjCf 12 PiPsPrPëPS).

РѹС-СЃР»СЃ ПІРССрС,СЃС-СЄРССНРсРІРѹРПСПСРсРІРс РІРІРѹРРРѹРПСПССЃ РІР»Р°Р·РјРсРІРРР№ РРР»С-СЃРѹРПССЃ РрСрР»РсРРСЃРѹС,РРРССр РРРсР»РРРІР°С"С,СНСЃСЃ РІС-Рр 22 Р»/РІРсРр РрРс

46 Р»/РІРсРр (Ср СЃРѹСЃРѹРРРСССНРсРјСр 36 Р»/РІРсРр). РѹС-СЃР»СЃ РІРѹСЃРѹРсСЃР°Р»СНРСПСРІРс РІСЃРРРР№РсРјСр РІРРРРРРРРРРРР РІР»Р°Р·РјРсРІРРР№ РРР»С-СЃРѹРПССЃ РрСрР»РсРРСЃРѹС,РРРССр РРРсР»РРРІР°С"С,СНСЃСЃ РІС-Рр 33 РрРс 261 Р»/РІРсРр (Ср СЃРѹСЃРѹРРРСССНРсРјСр 101 Р»/РІРсРр).

РћСЃРсР±Р»РРРІС- РІСЃСрРІРР РСП°СЃРѹР»РѹРСПССЃ

РЎС,Р°С,СН: С,,Р°СЃРјРјР°РРРсРРС-РСПѹС,РРС±РСС- РІС-РрРјС-РСПСПСЃСЃС,С- Р±СрР»РР РІРРСЃРІРІР»Р»РѹРСС- РјС-Р¶ С±РсР»Р»РсРІС-РРР°РјРР С- Р¶С-РСПРР°РјРР (РІРРРРРРРРРРР РРР»С-СЃРѹРПССЃ Р· РІР»Р°Р·РјРР РРСЃРІС- РІСЃРРРР»РР»РР·РСПС РСП° 50 % РСПРР¶С±РРР№ Ср Р¶С-РСПсРР). РќР° РсСЃРСПСРІС- Р·Р±С-РІСр РрС-Р°РІР°Р·РсРР РРР»С-СЃРѹРПССЃСр, С,,Р°СЃРјРјР°РРРсРРС-РСПѹС,РРС±РСС- РІС-РрРјС-РСПСПСЃСЃС,С- РСП° РсСЃРСПСРІС- СЃС,Р°С,С- РСПѹ РІРРРІСЃР°РІРРРсРІС,СН СЃРѹРРРсРјРѹРРРР°СЃС- С%РсРрРс Р·Р°СЃС,РсСЃСрРІР°РІР°РІРРРР РСПРР¶С±Рс- РрРсР·РР РрР»СЃ РІР°СЃС-С"РСС,С-РІ Р¶С-РСПсС±Рс- СЃС,Р°С,С-

Р'С-РР: С,,Р°СЃРјРјР°РРРсРРС-РСПѹС,РРС±РСС- РІС-РрРјС-РСПСПСЃСЃС,С- Р±СрР»РР РІРРСЃРІРІР»Р»РѹРСС- РјС-Р¶ РјРсР»Р»РсРРРРР Р¶С-РСПРР°РјРР С- Р¶С-РСПРР°РјРР Р»С-С,РСССНРсРІРс РІС-РРСр (≥ 65 СЃРсРРС-РІ) (АУС Р·Р±С-Р»СНСЄСрС"С,СНСЃСЃ РІСЃРРРР»РР»РР·РСПС РСП° 25 %, Р° РІРѹСЃС-РсРр РСП°РІС-РІРІРРРІРѹРРѹРПСПССЃ РІСЃРРРР»РР»РР·РСПС РСП° 25 % РрРсРІСЄРРР№ Ср РІР°СЃС-С"РСС,С-РІ Р»С-С,РСССНРсРІРс РІС-РРСр), С...РсС±Р° РІРѹР»РРРРРРР С±РРС... Р·РјС-РСП РСПѹРРсСЃС,Р°С,РСС РрР»СЃ РІРРРІСЃР°РІРРР°РІРРРР РРРсСЃРРРІСрРІР°РІРРРР РРРс РрРсР·РР. РІРР Р·Р°РІР°Р»СНРРР СЃРѹРРРсРјРѹРРРР°СЃС-СЃ, СЃР»С-Рр РрРсС,СЃРРРјСрРІР°РІР°С,РРСЃС РсР±РѹСЃР¶РІРРРРР РІСЃРР Р»С-РРСрРІР°РІРРРР РІР°СЃС-С"РСС,С-РІ Р»С-С,РСССНРсРІРс РІС-РРСр (РрРРІ. СЃРсР·РрС-Р»РР В«РЎРІРсСЃС-Р± Р·Р°СЃС,РсСЃСрРІР°РІРРР РС,Р° РрРсР·РР» С,Р° В«РћСЃРсР±Р»РРРІРсСЃС,С- Р·Р°СЃС,РсСЃСрРІР°РІРРР РСПССЃ»).

РќРРСЃРРРРР РСПѹРРсСЃС,Р°С,РСС-СЃС,СН. Рј РІР°СЃС-С"РСС,С-РІ С-Р· С,РѹСЃРјС-РСПР»СНРСПССН СЃС,Р°РрС-С"СН РСПРСЃРРРсРІС- РСПѹРРсСЃС,Р°С,РСПсСЃС,С-, СЃРРС- РІРсСЃС,С-Р№РСПс РІРѹСЃРѹР±СрРІР°РІРРС,СН РСП° РрС-Р°Р»С-Р·С-, СЃРІРсСЃС,РѹСЃС-РІР»Р»Р»Р РІРсРрРІС-Р№РСПѹ Р·Р±С-Р»СНСЄРѹРСПССЃ РРРсРСС±РѹРСС,СЃР°СЃС- РрСрР»РсРРСЃРѹС,РРРССр С,Р° РѹРРСЃРІРІРсР·РРС±С- (АУС) РІРсСЃС-РІРРРРРР Р·С- Р·РрРсСЃРІРРРР СЃСрР±РѢ™ С"РРС,Р°РјРР. Р»Р°СЃРјРјР°РРРсРРС-РСПѹС,РРС±РСС- РрР°РСС- С%РсРрРс РрСрР»РсРРСЃРѹС,РРРССр РсР±РјР¶РѹРСС- Ср РІР°СЃС-С"РСС,С-РІ С-Р· Р»РѹРІРРРсСН Р°Р±Рс РІРсРјС-СЃРРРР РСПРРРРРР РСПѹРРсСЃС,Р°С,РСС-СЃС,СН.

РѹРѹС±С-РСПРРсРІР°РІРР РСПѹРРсСЃС,Р°С,РСС-СЃС,СН. РѹРсРјС-СЃРСПѹ Р·Р°СЃС...РІРсСЃСРІРРРР РІРѹС±С-РСПРР (РРР»Р°СЃ Р Р·Р РРР»Р°СЃРРС,С-РРР°СЃС-С"СН РШР°Р№Р»Р»РРР-РѹРР-РѹРѢ™ СН) РІРІР»РРРРРР»Р Рс РСП° С,,Р°СЃРјРјР°РРРсРРС-РСПѹС,РРРРСр РрСрР»РсРРСЃРѹС,РРРССр. РѹРсСЃС-РІРРРРРР Р·С- Р·РрРсСЃРІРРРР РрРсР±СЃРІРсР»Р»Р»Р РІРРРРРРРРРР РІР»Р»Р»Р РІР»Р»Р»Р РРР»С-СЃРѹРПССЃ РрСрР»РсРРСЃРѹС,РРРССр Р±СрРІ РСП° 79 % РСПРР¶С±РРР№, РІРРРРРРРРРР РРР»С-СЃС±РѹРІРРР№ РІРѹСЃС-РсРр РСП°РІС-РІРІРРРІРѹРРѹРПСПССЃ Р±СрРІ Ср 2,3 СЃР°Р·Р°Р°

PrPsPIC€P€Pj, P° AUC BĤ“ Cí 3,7 CĤP°P·P° PIP€C%P€Pj Cí PíP°C†C-C”PSC,C-PI C-P·
P·P°C...PIPSCĤCĤPIP°PSPSCĬPj PíPµC†C-PSPePë CÍPµCĤPµPrPSCĤPsPiPs CÍC,CíPíPµPSCĬ
C,CĬP¶PePsCÍC,C-. PαP°CĤPjP°PePsPeC-PSPµC,PëPeP° PrCíP»PsPeCÍPµC,PëPSCí C,P° P№PsPiPs
PjPµC,P°P±PsP»C-C,PI PSPµ PrPsCÍP»C-PrP¶CíPIP°P»P°CÍCĬ Cí PíP°C†C-C”PSC,C-PI C-P·
P»PµPiPePsCĤ P°P±Ps C,CĬP¶PePsCĤ PíPµC†C-PSPePsPIPSCĤ PSPµPrPsCÍC,P°C,PSC-CÍC,CĤ.

PĥP°C,PµCĤC-, CĬPeC- PiPsPrCžCĤC,CH PiCĤCžPrPrCĤ. P”C-CĤ PrCíP»PsPeCÍPµC,PëPSCí
PIP€PIC†P°P»Pë Cí 6 PiPsPrCíCĤC†PëC... P¶C-PSPsPe, PI CĬPePëC... PíCĤPsP№C€P»Ps
PíCĤPëPSP°P№PjPSC- 12 C,PëP¶PSC-PI PíC-CÍP»CĬ PíPsP»PsPiC-PI. P”CíP»PsPeCÍPµC,PëPS
PIP€CĬPIP»CĬC”C,CHCÍCĬ PI PiCĤCíPrPSPsPjCí PjPsP»PsC†C-, P° P№PsPiPs
CĤC-PIPSPsPIP°P¶PSP° PePsPSC†PµPSC,CĤP°C†C-CĬ PI PiCĤCíPrPSPsPjCí PjPsP»PsC†C-
CÍC,P°PSPsPIP€C,CH PiCĤPëP±P»PëP·PSPs PsPrPSCí C†PIPµCĤC,CH PIC-Pr
PePsPSC†PµPSC,CĤP°C†C-C— Cí PíP»P°P·PjC- PeCĤPsPIC-. PĥC-P»CHPeC-CÍC,CH
PrCíP»PsPeCÍPµC,PëPSCí PI PiCĤCíPrPSPsPjCí PjPsP»PsC†C- CÍC,P°PSPsPIP€C,CH
PíCĤPëP±P»PëP·PSPs 7 PjPePi/PrPsP±Cí PíCĤPë PrPsP·CíPIP°PSPSC- 40 PjPi PrPIC-C†C- PSP°
PrPsP±Cí. P»P°PeC,P°C†C-CĬ PSPµ PíPíP»PëPIP°P»P° PSP° C,,P°CĤPjP°PePsPeC-PSPµC,PëPeCí
PrCíP»PsPeCÍPµC,PëPSCí.

PµPµPrC-P°C,CĤPëC†PSP° PiPsPiCžP»CĬC†C-CĬ. PαP°CĤPjP°PePsPeC-PSPµC,PëPeCí
PrCíP»PsPeCÍPµC,PëPSCí Cí PrC-C,PµP№ PIC-PePsPj PIC-Pr 7 PrPs 17 CĤPsPeC-PI C-P·
PIPµP»PëPePëPj PrPµPíCĤPµCÍPëPIPSPëPj CĤPsP·P»P°PrPsPj, PíC-CÍP»CĬ
PíPµCĤPsCĤP°P»CHPSPsPiPs PíCĤPëP№PsPjCí 20BĤ“120 PjPi PsPrPëPS CĤP°P· PSP° PrPsP±Cí,
C...P°CĤP°PeC,PµCĤPëP·CíPIP°P»Pë P·P° PrPsPiPsPjPsPiPsCĤ P°PSP°P»C-P·Cí
PíPsPíCíP»CĬC†C-P№PSPsPiPs PjPsPrPµP»CĤPIP°PSPSCĬ PSP° PsCÍPSPsPIC- PrP°PSPëC...

3 PrPsCÍP»C-PrP¶PµPSCĤ. PĥPsPrPµP»CHPSPs-PíPµCĤPµPrP±P°C†CíPIP°PSC-
PePsPSC†PµPSC,CĤP°C†C-C— PrCíP»PsPeCÍPµC,PëPSCí Cí PíP»P°P·PjC- PeCĤPsPIC- Cí
PíPµPrC-P°C,CĤPëC†PSPëC... PíP°C†C-C”PSC,C-PI PíPµCĤPµPIP°P¶PSPs P±CíP»Pë Cí
PjPµP¶P°C... PrC-P°PíP°P·PsPSCí PePsPSC†PµPSC,CĤP°C†C-P№, C%Ps
CÍPíPsCÍC,PµCĤC-PíP°PICÍCĬ Cí PrPsCĤPsCÍP»PëC... PíP°C†C-C”PSC,C-PI.

PĥP»C-PSC-C†PSC- C...P°CĤP°PeC,PµCĤPëCÍC,PëPePë.

PµPsPeP°P·P°PSPSCĬ.

P>C-PeCíPIP°PSPSCĬ PIPµP»PëPePsPiPs PrPµPíCĤPµCÍPëPIPSPsPiPs CĤPsP·P»P°PrCí.

P>C-PeCíPIP°PSPSCĬ PrC-P°P±PµC,PëC†PSPsPiPs PíPµCĤPëC,,PµCĤPëC†PSPsPiPs
PSPµP№CĤPsPíP°C,PëC†PSPsPiPs P±PsP»CĤ.

P>C-PeCíPIP°PSPSCĬ PíPµPSPµCĤP°P»C-P·PsPIP°PSPsPiPs C,CĤPëPíP¶PSPsPiPs
CĤPsP·P»P°PrCí.

P”CíP»PsPeCÍPµPSC,P°^B PíPsPeP°P·P°PSPëP№ PrPsCĤPsCÍP»PëPj.

P”PsPrP°C,PePsPICí C-PSC,,PsCĤPjP°C†C-CĤ PrPëPI. CĤPsP·PrC-P»C-
B«PαP°CĤPjP°PePsP»PsPiC-C†PSC- PIP»P°CÍC,PëPIPSCÍC,C-B».

PμCḡPsC, PëPìPsPeP°P·P°PSPSCḡ.

PμCḡPsC, PëPìPsPeP°P·P°PSPSCḡPj PrP»Cḡ P·P°CḡC, PsCḡCḡPìP°PSPSCḡ PìCḡPμPìP°CḡP°C, Cḡ C” PìC-PrPìPèC%PμPSP° CḡCḡC, P»PëPIC-CḡC, Cḡ PrPs PrCḡP»PsPeCḡPμC, PëPSCḡ P°P±Ps PrPs P±CḡPrCḡ-CḡPèPèC... PrPsPìPsPjC-PḡPSPèC... CḡPμCḡPsPìPèPS PìCḡPμPìP°CḡP°C, Cḡ.

P”CḡP»PsPeCḡPμC, PëPS PSPμ PjPsPḡPSP° PìCḡPèP·PSP°CḡP°C, Pë CḡP°P·PsPj C-P· PSPμCḡPμP»PμPeC, PëPìPSPèPjPè PSPμPsP±PsCḡPsC, PSPèPjPè C-PSPiC-P±C-C, PsCḡP°PjPè PjPsPSPsP°PjC-PSPsPeCḡPèPrP°P·Pè (PḡPḡPḡ) (PrPèPI. CḡPsP·PrC-P» B«P’P·P°C”PjPsPrC-Cḡ P· C-PSCèPèPjPè P»C-PèP°CḡCḡPèPèPjPè P·P°CḡPsP±P°PjPè C, P° C-PSCèC- PìPèPrPè PìP·P°C”PjPsPrC-PNèB»).

P”CḡP»PsPeCḡPμC, PëPS PSPμ CḡP»C-Pr PìCḡPèP·PSP°CḡP°C, Pë PìP°CḡC-C”PSC, P°Pj C-P· P·P°C...PìPsCḡCḡPìP°PSPSCḡPjPè PìPμCḡC-PSPèPè, CḡPμ PjPsPḡPμ CḡPìCḡPèCḡPèPSPèC, Pè PìPμCḡC-PSPèPsPICḡ PSPμPrPsCḡC, P°C, PSC-CḡC, Cḡ (PrPèPI. CḡPsP·PrC-P» B«PḡP°CḡPjP°PePsPeC-PSPμC, PèPeP°B»).

P”CḡP»PsPeCḡPμC, PëPS PSPμ CḡP»C-Pr PìCḡPèP·PSP°CḡP°C, Pë Cḡ PePsPjP±C-PSP°CḡC-C— P· C,, P»CḡPìPsPeCḡP°PjC-PSPsPj, CḡPèPìCḡPsC,, P»PsPeCḡP°CḡPèPSPsPj P°P±Ps PμPSPsPeCḡP°CḡPèPSPsPj (CḡPèP»CḡPSC- C-PSPiC-P±C-C, PsCḡPè CYP1A2) CḡPμCḡPμP· PìC-PrPìPèC%PμPSPSCḡ PePsPSCḡPμPSC, CḡP°CḡC-C— PrCḡP»PsPeCḡPμC, PëPSCḡ Cḡ PìP»P°P·PjC- PeCḡPsPIC- (PrPèPI. CḡPsP·PrC-P» B«P’P·P°C”PjPsPrC-Cḡ P· C-PSCèPèPjPè P»C-PèP°CḡCḡPèPèPjPè P·P°CḡPsP±P°PjPè C, P° C-PSCèC- PìPèPrPè PìP·P°C”PjPsPrC-PNèB»).

P”CḡP»PsPeCḡPμC, PëPS PSPμ PjPsPḡPSP° PìCḡPèP·PSP°CḡP°C, Pë C...PìPsCḡPèPj C-P· C, PμCḡPjC-PSP°P»CḡPSPsCḡ CḡC, P°PrC-C”Cḡ PSPèCḡPePsPìPsC— PSPμPrPsCḡC, P°C, PSPsCḡC, C- (PeP»C-CḡPμPSCḡ PeCḡPμP°C, PèPSC-PSCḡ <30 PjP»/C...PI) (PrPèPI. CḡPsP·PrC-P» B«PḡCḡPsP±P»PèPìPsCḡC, C- P·P°CḡC, PsCḡCḡPìP°PSPSCḡB»).

P”CḡP»PsPeCḡPμC, PëPS PSPμ PjPsPḡPSP° PìCḡPèP·PSP°CḡP°C, Pë C...PìPsCḡPèPj C-P· PSPμCḡC, P°P±C-P»CḡPSPsCḡ PìC-PìPμCḡC, PμPSP·C-C”Cḡ, PsCḡPeC-P»CḡPèPè CḡPμ PjPsPḡPμ CḡPìCḡPsPìPsPeCḡPìP°C, Pè PìC-PìPμCḡC, PsPSC-CḡPSPèPNè PeCḡPèP· (PrPèPI. CḡPsP·PrC-P» B«PḡCḡPsP±P»PèPìPsCḡC, C- P·P°CḡC, PsCḡCḡPìP°PSPSCḡB» C, P° B«PμPsP±C-CḡPSC- CḡPμP°PeCḡC-C—B»).

P’P·P°C”PjPsPrC-Cḡ P· C-PSCèPèPjPè P»C-PèP°CḡCḡPèPèPjPè P·P°CḡPsP±P°PjPè C, P° C-PSCèC- PìPèPrPè PìP·P°C”PjPsPrC-PNè.

PḡPSPiC-P±C-C, PsCḡPè PḡPḡPḡ. P”CḡP»PsPeCḡPμC, PëPS PSPμ CḡP»C-Pr P·P°CḡC, PsCḡPsPICḡPìP°C, Pè Cḡ PePsPjP±C-PSP°CḡC-C— P· PSPμCḡPμP»PμPeC, PëPìPSPèPjPè PSPμPsP±PsCḡPsC, PSPèPjPè C-PSPiC-P±C-C, PsCḡP°PjPè PjPsPSPsP°PjC-PSPsPeCḡPèPrP°P·Pè (PḡPḡPḡ) P°P±Ps PìCḡPsC, CḡPìPsPj PìCḡPèPSP°PNèPjPSC- 14 PrPSC-PI PìC-CḡP»Cḡ PìCḡPèPìPèPSPμPSPSCḡ P»C-PèCḡPìP°PSPSCḡ C-PSPiC-P±C-C, PsCḡP°PjPè PḡPḡPḡ CḡPμCḡPμP· CḡPèP·PèPe CḡPsP·PìPèC, PeCḡ CḡPμCḡPsC, PsPSC-PSPsPìPsPìPs CḡPèPSPḡCḡPsPjCḡ. P’PèC...PsPrCḡCḡPè P· PìPμCḡC-PsPrCḡ PSP°PìC-PìPìPèPìPμPrPμPSPSCḡ PrCḡP»PsPeCḡPμC, PèPSCḡ, PìC-CḡP»Cḡ PìCḡPèPìPèPSPμPSPSCḡ PìCḡPèPNèPsPjCḡ P”CḡP»PsPeCḡPμPSC, Pè^B PìPμCḡPμPr PìPsCḡP°C, PePsPj P·P°CḡC, PsCḡCḡPìP°PSPSCḡ C-PSPiC-P±C-C, PsCḡC-PI PḡPḡPḡ PSPμPsP±C...C-PrPSPs PìCḡPsPNèC, Pè C%PsPSP°PNèPjPμPSCèPμ 5 PrPSC-PI (PrPèPI. CḡPsP·PrC-P» B«PḡCḡPsP±P»PèPìPsCḡC, C- P·P°CḡC, PsCḡCḡPìP°PSPSCḡB»).

РиСҗРө ПиСҗРөРНөPsPjC- PsP±PsСҗPsC, PSPөC... СГРмP»PμPеC, PөPIPSPөC...
C-PSPiC-P±C-C, PsСҗC-PI PһPһPһ, PSP°PiСҗРөPеP»P°Pr PjPsPеP»PsP±PμPjC-PrCр,
СҗРөP·PөPе PIPөPSPөPеPSPμPSPSCЦ СГРмСҗPsC, PsPSC-PSPsPIPsPiPs
СГРөPSPPrСҗPsPjCр PjPμPSCөPөРНө, PiСҗPsC, Pμ P·P°CГC, PsCГCрPIP°PSPSCЦ
C, P°PеPsC— PеPsPjP±C-PSP°CГC-C— PSPμ СҗPμPеPsPjPμPSPPrCрC”C, СҺСГCЦ.
PһPSC, PөP±C-PsC, PөPе P»C-PSPμP·PsP»C-Pr вҗ“ CГPμ P·PIPsСҗPsC, PSPөРНө
PSPμСГРмP»PμPеC, PөPIPSPөРНө C-PSPiC-P±C-C, PsСҗ PһPһPһ, РНөPsPiPs PSPμ
СГР»C-Pr PiСҗРөP·PSP°C±P°C, Pө PiP°CГC-C”PSC, P°Pj, CЦPеC- PsC, СҗРөPjCрCҗC, СҺ
P»C-PеP°СҗСГCҺPөPөРНө P·P°CГC-P± P”CрP»PsPеCГРμPSC, P°B® (PrPөPI. СҗPsP·PrC-P»
B«PһCГPsP±P»PөPIPsCГC, C- P·P°CГC, PsCГCрPIP°PSPSCЦB»).

*PтPSPiC-P±C-C, PsСҗPө CYP1A2. PһCГPеC-P»СҺPөPө CYP1A2 P±PμСҗPμ CрC±P°CГC, СҺ
Cр PjPμC, P°P±PsP»C-P·PjC- PrCрP»PsPеCГРμC, PөPSCр, CГCрPjC-СГPSPμ
P·P°CГC, PsCГCрPIP°PSPSCЦ PrCрP»PsPеCГРμC, PөPSCр C-P·
СГРөP»СҺPSPsPrC-СҗC±PөPjPө C-PSPiC-P±C-C, PsСҗP°PjPө CYP1A2,
C-PjPsPIC-СҗPSPs, PiСҗPөP·PIPμPrPμ PrPs PiC-PrPIPөC%PμPSPSCЦ
PеPsPSCГPμPSC, СҗP°CГC-C— PrCрP»PsPеCГРμC, PөPSCр. PαP»CрPIPsPеCГР°PjC-PS (100
PjPi 1 СҗP°P· PSP° PrPsP±Cр), C%Ps C” СГРөP»СҺPSPsPrC-СҗC±PөPj
C-PSPiC-P±C-C, PsСҗPsPj CYP1A2, P·PjPμPSCөCрC” PеP»C-СҗPμPSCГ
PrCрP»PsPеCГРμC, PөPSCр Cр PiP»P°P·PjC- PеСҗPsPIC- PiСҗРөP±P»PөP·PSPs PSP° 77 %
C- P·P±C-P»СҺCөCрC” AUCo-t Cр 6 СҗP°P·C-PI. Pj P·PIвҗ™ CЦP·PеCр P· CГPөPj
PrCрP»PsPеCГРμC, PөPS PSPμ PjPsP¶PSP° PiСҗРөP·PSP°C±P°C, Pө СҗP°P·PsPj P·
C-PSPiC-P±C-C, PsСҗP°PjPө CYP1A2, P·PsPеСҗPμPjP° P· C,, P»CрPIPsPеCГР°PjC-PSPsPj.*

*P>C-PеP°СҗСГCҺPөC- P·P°CГPsP±Pө, C%Ps PrC-СҗC, СҺ PSP° CГPμPSC, СҗP°P»СҺPSCэ
PSPμСҗPIPsPICэ CГРөCГC, PμPjCз.*

P PөP·PөPе P·P°CГC, PsCГCрPIP°PSPSCЦ PrCрP»PsPеCГРμC, PөPSCр PI PеPsPjP±C-PSP°CГC-C— P·
C-PSCөPөPjPө P»C-PеP°СҗСГCҺPөPөPjPө P·P°CГPsP±P°PjPө, C%Ps PrC-СҗC, СҺ PSP°
CГPμPSC, СҗP°P»СҺPSCр PSPμСҗPIPsPICр CГРөCГC, PμPjCр, CГРөCГC, PμPjP°C, PөC±PSPs PSPμ
PsCГC-PSCҺPIP°PICГCЦ, P·P° PIPөPSCЦC, PеPsPj PIPөPiP°PrPеC-PI, PsPiPөCГР°PSPөC... Cр
CГCҺPsPjCр СҗPsP·PrC-P»C-. PҗPsPjCр CГР»C-Pr P±CрC, Pө PsP±PμСҗPμP¶PSPөPjPө PiСҗРө
P·P°CГC, PsCГCрPIP°PSPSC- P”CрP»PsPеCГРμPSC, P°B® Cр PеPsPjP±C-PSP°CГC-C— P·
C-PSCөPөPjPө P»C-PеP°СҗСГCҺPөPөPjPө P·P°CГPsP±P°PjPө P°P±Ps СҗPμC±PsPIPөPSP°PjPө,
C%Ps PrC-СҗC, СҺ PSP° PᵢKᵑᵑ, PIPеP»СҗC±P°СҗC±Pө P°P»PеPsPiPsP»СҺ C, P°
СГРμPrP°C, PөPIPS- P»C-PеP°СҗСГCҺPөC- P·P°CГPsP±Pө (PSP°PiСҗРөPеP»P°Pr,
P±PμPSP·PsPrC-P°P·PμPiC-PSPө, PjPsСҗC,, C-PSPsPjC-PjPμC, PөPөPө,
PSPμРНөСҗPsP»PμPiC, PөPөPө, C,, PμPSPsP±P°СҗP±C-C, P°P», CГРμPrP°C, PөPIPS-
P°PSC, PөPiC-CГC, P°PjC-PSPSC- P·P°CГPsP±Pө).

*PҗPμСҗPsC, PsPSC-PSPsPIPөРНө CГРөPSPPrСҗPsPj. P C-PrPеPs PiPsPIC-PrPsPjP»CЦP»Pө PiСҗPs
СГРμСҗPsC, PsPSC-PSPsPIPөРНө CГРөPSPPrСҗPsPj Cр PiP°CГC-C”PSC, C-PI, CЦPеC-
P·P°CГC, PsCГPsPICрPIP°P»Pө CГРμP»PμPеC, PөPIPS- C-PSPiC-P±C-C, PsСҗPө
P·PIPsСҗPsC, PSPsPiPs P·P°C...PsPiP»PμPSPSCЦ CГРμСҗPsC, PsPSC-PSCр (PҗP±P—P—Pҗ) C, P°
СГРμP»PμPеC, PөPIPS- C-PSPiC-P±C-C, PsСҗPө P·PIPsСҗPsC, PSPsPiPs P·P°C...PsPiP»PμPSPSCЦ
СГРμСҗPsC, PsPSC-PSCр-PSPsСҗPμPiC-PSPμC,, СҗPөPSCр (PҗP±P—P—PҗK) СҗP°P·PsPj C-P·
СГРμСҗPsC, PsPSC-PSPμСҗPiC-C±PSPөPjPө P°PiPμPSC, P°PjPө. PμPsC, СҗC-P±PSPs P·
PsP±PμСҗPμP¶PSC-СГC, CҺ PiСҗРөP·PSP°C±P°C, Pө P”CрP»PsPеCГРμC, PөPS Cр
PеPsPjP±C-PSP°CГC-C— C-P· CГРμСҗPsC, PsPSC-PSPμСҗPiC-C±PSPөPjPө C, P°
C, СҗPөCГPөPөP»C-C±PSPөPjPө P°PSC, PөPrPμPiСҗPμCГР°PSC, P°PjPө, C, P°PөPөPjPө CЦPе*

PeP»PsPjC-PiCḡP°PjC-PS P°P±Ps P°PjC-C, CḡPēPiC, PēP»C-PS, C-PSPiC-P±C-C, PsCḡP°PjPē
PḡPḡPḡ, C, P°PePēPjPē CḡPe B PjPsPeP»PsP±PμPjC-Pr P°P±Ps P»C-PSPμP·PsP»C-Pr,
PiCḡPμPiP°CḡP°C, P°PjPē C, CḡP°PiPē P·PiC-CḡPsP±PsCḡ (*Hypericum perforatum*) P°P±Ps
C, CḡPēPiC, P°PSP°PjPē, P±CfPiCḡPμPSPsCḡC,, C-PSPsPj, C, CḡP°PjP°PrPsP»PsPj,
PiPμPiC, PēPrPēPSPsPj, C, CḡPēPiC, PsC,, P°PSPsPj.

P°PiP»PēPI PrCáP»PsPeCfPμC, PēPSCá PSP° C-PSC€C- P»C-PeP°CḡCfCḡPēC- P·P°CfPsP±Pē

*P»C-PeP°CḡCfCḡPēC- P·P°CfPsP±Pē, C%Ps PjPμC, P°P±PsP»C-P·CáCḡC, CḡCfCḡ CYP1A2: PSP°
C,, P°CḡPjP°PePsPeC-PSPμC, PēPeCf C, PμPsC,, C-P»C-PSCf, CfCfP±CfC, CḡP°C, Cf CYP1A2,
CfCfC, C, C"PIPs PSPμ PiPiP»PēPSCfP»Ps PsPrPSPsC±P°CfPSPμ P·P°CfC, PsCfCfPiP°PSPSCḡ P·
PrCfP»PsPeCfPμC, PēPSPsPj (60 PjPi PrPiC-C±C- PSP° PrPsP±Cf).*

*P»C-PeP°CḡCfCḡPēC- P·P°CfPsP±Pē, C%Ps PjPμC, P°P±PsP»C-P·CáCḡC, CḡCfCḡ P·P°
PrPsPiPsPjPsPiPsCḡ CYP2D6. P" CfP»PsPeCfPμC, PēPS Bḡ" PiPsPjC-CḡPSPēPḡ
C-PSPiC-P±C-C, PsCḡ CYP2D6. PμCḡPē PiCḡPēP·PSP°C±PμPSPSC- PrCfP»PsPeCfPμC, PēPSCf Cf
PrPsP·C- 60 PjPi PrPiC-C±C- PSP° PrPsP±Cf P· CḡP°P·PsPIPsCḡ PrPsP·PsCḡ
PrPμP·PēPiCḡP°PjC-PSCf, CḡPePēPḡ C" CfCfP±CfC, CḡP°C, PsPj CYP2D6, AUC
PrPμP·PēPiCḡP°PjC-PSCf P·P±C-P»CḡC€CfC" C, CḡCfCḡ Pi 3 CḡP°P·Pē. PḡPrPSPsC±P°CfPSPμ
P·P°CfC, PsCfCfPiP°PSPSCḡ PrCfP»PsPeCfPμC, PēPSCf (40 PjPi PrPiC-C±C- PSP° PrPsP±Cf)
P·P±C-P»CḡC€CfC" CfC, P°C†C-PsPSP°CḡPSCf AUC C, PsP»C, PμCḡPsPrPēPSCf (2 PjPi
PrPiC-C±C- PSP° PrPsP±Cf) PSP° 71 %, P°P»Pμ PSPμ PiPiP»PēPiP°C" PSP°
C,, P°CḡPjP°PePsPeC-PSPμC, PēPeCf 5-PiC-PrCḡPsPeCfPēP» PjPμC, P°P±PsP»C-C, Cf, C, PsPjCf
PSC-CḡPePēC... PePsCḡPēPiCfPiP°PSCḡ PrPsP·CfPiP°PSPSCḡ PSPμ
CḡPμPePsPjPμPSPPrCfC" C, CḡCfCḡ. P— PsP±PμCḡPμPḡPSC-CfC, Cḡ
CḡPμPePsPjPμPSPPrCfC" C, CḡCfCḡ P·P°CfC, PsCfPsPiCfPiP°C, Pē PiCḡPμPiP°CḡP°C,
P" CfP»PsPeCfPμC, PēPS CḡP°P·PsPj C-P· P»C-PeP°CḡCfCḡPēPēPjPē P·P°CfPsP±P°PjPē, CḡPeC-
PiPμCḡPμPiP°PḡPSPs PjPμC, P°P±PsP»C-P·CfCḡC, CḡCfCḡ CYP2D6 (CḡPēCfPiPμCḡPēPrPsPS,
C, CḡPēC†PēPeP»C-C±PSC- P°PSC, PēPrPμPiCḡPμCfP°PSC, Pē [TCAs], C, P°PeC- CḡPe
PSPsCḡC, CḡPēPiC, PēP»C-PS, P°PjC-C, CḡPēPiC, PēP»C-PS C, P° C-PjC-PiCḡP°PjC-PS),
PsCfPsP±P»PēPiPs CḡPeC%Ps PiPsPSPē PjP°CḡC, Cḡ PiCfP·CḡPePēPḡ
C, PμCḡP°PiPμPiC, PēC±PSPēPḡ C-PSPrPμPeCf (PSP°PiCḡPēPeP»P°Pr, C,, P»PμPeP°C—PSC-Pr,
PiCḡPsPiP°C,, PμPSPsPS C- PjPμC, PsPiCḡPsP»PsP»).*

*PμPμCḡPsCḡP°P»CḡPSC- PePsPSC, CḡP°C†PμPiC, PēPiPē C, P° C-PSC€C- CfC, PμCḡPsC—PrPSC-
P°PiPμPSC, Pē. P PμP·CfP»CḡC, P°C, Pē PrPsCfP»C-PrPḡPμPSCḡ in vitro PiPsPeP°P·CfCḡC, Cḡ,
C%Ps PrCfP»PsPeCfPμC, PēPS PSPμ CfC, PēPjCfP»CḡC" PeP°C, P°P»C-C, PēC±PSCf
P°PeC, PēPiPSC-CfC, Cḡ CYP3A. PḡPiPμC†PēC,, C-C±PSPēC... PrPsCfP»C-PrPḡPμPSCḡ
PiP·P°C" PjPsPrC-C— PiCḡPμPiP°CḡP°C, Cf in vivo PSPμ PiCḡPsPiPsPrPēP»Pē.*

*PḡPSC, PēPePsP°PiCáP»CḡPSC, Pē C, P° P°PSC, PēC, CḡPsPjP±PsC, PēC±PSC- P·P°CfPsP±Pē.
P" CfP»PsPeCfPμC, PēPS P· PsP±PμCḡPμPḡPSC-CfC, Cḡ CfP»C-Pr PiCḡPēP·PSP°C±P°C, Pē
CḡP°P·PsPj P· PiPμCḡPsCḡP°P»CḡPSPēPjPē P°PSC, PēPePsP°PiCfP»CḡPSC, P°PjPē C, P°
P°PSC, PēC, CḡPsPjP±PsC, PēC±PSPēPjPē P·P°CfPsP±P°PjPē Cf P·PiBḡ CḡP·PeCf P·
PiPsC, PμPSC†C-PḡPSPēPj PiC-PrPiPēC%PμPSPSCḡPj CḡPēP·PēPeCf PeCḡPsPiPsC, PμC±C-
PiPSP°CfP»C-PrPsPe C,, P°CḡPjP°PePsPrPēPSP°PjC-C±PSPsC— PiP·P°C" PjPsPrC-C—. PḡCḡC-Pj
C, PsPiPs, P±CfP»Ps P·P°C,, C-PeCfPsPiP°PSPs P·P±C-P»CḡC€PμPSPSCḡ
PiPsPeP°P·PSPēPeC-PI INR, PePsP»Pē PiP°C†C-C" PSC, P°Pj, CḡPeC-
PsC, CḡPēPjCfPiP°P»Pē PiP°CḡC,, P°CḡPēPS, PiPiPsPrPēP»Pē PrCfP»PsPeCfPμC, PēPS.
PμCḡPsC, Pμ PsPrPSPsC±P°CfPSPμ P·P°CfC, PsCfCfPiP°PSPSCḡ
PrCfP»PsPeCfPμC, PēPSCf C, P° PiP°CḡC,, P°CḡPēPSCf Cf CfC, P°C†C-PsPSP°CḡPSPēC...*

CfPjPsPIP°C... Cf P·PrPsCfPsPIPëC... PrPsP±CfPsPIPSP»CHC†C-PI Cf CfP°PjPeP°C... PrPsCfP»C-PrP¶PµPSPSC¶ PeP»C-PSC-C†PSPSc— C,,P°CfPjP°PePsP»PsPiC-C— PSPµ PïCfPëP·PIPµP»Ps PrPs PeP»C-PSC-C†PSPs P·PSP°C†CfC°PsC— P·PjC-PSPë PI P†P¢P P· PïPsC†P°C,PePsPIPsPiPs CfC-PIPSC¶ P°P±Ps Cf C,,P°CfPjP°PePsPeC-PSPµC,PëC†C- R- P°P±Ps S-PIP°CfC,,P°CfPëPSCf.

P'PiP»PëPI C-PSCëPëC... P»C-PeP°CfCfCHPePëC... P·P°CfPsP±C-PI PSP° PrCzP»PsPeCfPµC,PëPS

PfPSC,P°C†PëPrPë C,P° P°PSC,P°PiPsPSC-CfC,Pë Pk₂. PhPrPSPsC†P°CfPSPµ P·P°CfC,PsCfCfPIP°PSPSC¶ PrCfP»PsPeCfPµC,PëPSCf P· P°PSC,P°C†PëPrP°PjPë, C°Ps PjC-CfC,C¶C,CH P°P»CfPjC-PSC-PNë C- PjP°PiPSC-PNë, P°P±Ps PrCfP»PsPeCfPµC,PëPSCf P· C,,P°PjPsC,PëPrPëPSPsPj, PSPµ PIPiP»PëPIP°P»Ps PSP° CëPIPëPrPeC-CfC,CH P°P±Ps CfC,CfPiC-PSCf PïPsPiP»PëPSP°PSPSC¶ PrCfP»PsPeCfPµC,PëPSCf PïC-CfP»C¶ PIPµPrPµPSPSC¶ PïPµCfPsCfP°P»CHPSPSc— PrPsP·Pë 40 PjPi

P†PSPrCzPeC,PsCfPë CYP1A2. PµPsPiCfP»C¶C†C-PNëPSPëPNë C,,P°CfPjP°PePsPeC-PSPµC,PëC†PSPëPNë P°PSP°P»C-P· PïPsPeP°P·P°PI, C°Ps PeCfCfC†C- PjP°CfC,CH PjP°PNëP¶Pµ PSP° 50 % PSPëP¶C†Cf PePsPSC†PµPSC,CfP°C†C-Cf PrCfP»PsPeCfPµC,PëPSCf Cf PïP»P°P·PjC- PeCfPsPIC- PïPsCfC-PIPSC¶PSPs P· PsCfPsP±P°PjPë, C¶PeC- PSPµ PïP°P»C¶C,CH.

PhCfPsP±P»PëPIPsCfC,C- P·P°CfC,PsCfCzPIP°PSPSC¶.

P·PiC-P»PµPiC,PëC†PSC- PSP°PiP°PrPë C,P° PjP°PSC-C—. PïPe C- Cf CfP°P·C- P·P°CfC,PsCfCfPIP°PSPSC¶ C-PSCëPëC... PïCfPµPïP°CfP°C,C-PI, C°Ps PrC-CfC,CH PSP° C†PµPSC,CfP°P»CHPSCf PSPµCfPIPSPICf CfPëCfC,PµPjCf, PïP°C†C-C" PSC,P°Pj P· PµPiC-P»PµPiC,PëC†PSPëPjPë PSP°PïP°PrP°PjPë, PjP°PSC-C" Cf P°P±Ps P±C-PïPsP»C¶CfPSPëPjPë CfPsP·P»P°PrP°PjPë PI P°PSP°PjPSPµP·C- PrCfP»PsPeCfPµC,PëPS PSPµPsP±C...C-PrPSPs PïCfPëP·PSP°C†P°C,Pë P·P° CfPjPsPIPë PIP¶PëC,C,C¶ P·P°PïPsP±C-P¶PSPëC... P·P°C...PsPrC-PI.

PfC-PrCfC-P°P· P' CfP»Pë PïPsPIC-PrPsPjP»PµPSPSC¶ PïCfPs PïCfPsC¶PI PjC-PrCfC-P°P·Cf Cf P·PIBf™ C¶P·PeCf P· PïCfPëPNëPsPjPj PrCfP»PsPeCfPµC,PëPSCf, C,PsPjCf PïCfPëP·PSP°C†P°C,Pë PrCfP»PsPeCfPµC,PëPS PïP°C†C-C" PSC,P°Pj C-P· PïC-PrPIPëC°PµPSPëPj PIPSCfC,CfC-CëPSCfPsPsC†PSPëPj C,PëCfPePsPj P°P±Ps P· CfPëP·PëPePsPj PiPsCfC,CfPsC— PICfP·CHPePsPeCfC,PsPIPsC— PiP»P°CfPePsPjPë PïPsC,CfC-P±PSPs P· PsP±PµCfPµP¶PSC-CfC,CH.

PfCfC,PµCfC-P°P»CHPSPëPNë C,PëCfPe C,P° CfPµCfC†PµP±PëC,C,C¶. Pj PrPµC¶PePëC... PïP°C†C-C" PSC,C-PI PïCfPëPNëPsPj PrCfP»PsPeCfPµC,PëPSCf PïCfPëP·PIPsPrPëC,CH PrPs PïC-PrPIPëC°PµPSPSC¶ P°CfC,PµCfC-P°P»CHPSPsPiPs C,PëCfPeCf C,P° PeP»C-PSC-C†PSPs P·PSP°C†CfC°PsC— P°CfC,PµCfC-P°P»CHPSPSc— PïC-PïPµCfC,PµPSP·C-C—. P¶Pµ PjPsP¶Pµ P±CfC,Pë PïPsPIBf™ C¶P·P°PSPs P· PSPsCfP°PrCfPµPSPµCfPiC-C†PSPëPj PµC,,PµPeC,PsPj PrCfP»PsPeCfPµC,PëPSCf. PµPsPIC-PrPsPjP»C¶P»Pë PïCfPs PIPëPïP°PrPePë PïC-PïPµCfC,PsPSC-C†PSPsPiPs PeCfPëP·Cf PïCfPë P·P°CfC,PsCfCfPIP°PSPSC- PrCfP»PsPeCfPµC,PëPSCf, PsCfPsP±P»PëPIPs Cf

PiP°C†C-C" PSC,C-PI P· CíP¶Pµ PSP°C¶PIPSPsCĤ PiC-PiPµCĤC,PsPSC-C†PSPsCĤ
C...PIPsCĤPsP±PsCĤ. PŷPsPjCŕ PiP°C†C-C" PSC,P°Pj P· PIC-PrPsPjPsCĤ
P°CĤC,PµCĤC-P°P»CĤPSPsCĤ PiC-PiPµCĤC,PµPSP·C-C" CĤ C,P°/P°P±Ps C-PSC€PëPjPë
P·P°C...PIPsCĤCĤPIP°PSPSC¶PjPë CŕPµCĤC†C¶ CĤPµPePsPjPµPSPŕCŕC"C,CĤCŕC¶
PjPsPSC-C,PsCĤPëPSPi P°CĤC,PµCĤC-P°P»CĤPSPsPiPs C,PëCŕPëCŕ, PsCŕPsP±P»PëPIPs
PiCĤPsC,C¶PiPsPj PiPµCĤC€PsPiPs PjC-CŕC¶C†C¶ P»C-PeCŕPIP°PSPSC¶.
P"CŕP»PsPeCŕPµC,PëPS CŕP»C-Pr P· PsP±PµCĤPµP¶PSC-CŕC,CĤ P·P°CŕC,PsCŕPsPICŕPIP°C,Pë
PiP°C†C-C" PSC,P°Pj, C†PëPNë CŕC,P°PS PjPsP¶Pµ P±CŕC,Pë PiPsCŕC,P°PIP»PµPSPëPNë PiC-Pr
P·P°PiCĤPsP·Cŕ C†PµCĤPµP· P·P±C-P»CĤC€PµPSPSC¶ PiCŕP»CĤCŕCŕ P°P±Ps
PiC-PrPIPëC%PµPSPSC¶ P°CĤC,PµCĤC-P°P»CĤPSPsPiPs C,PëCŕPëCŕ. PŷP°PePsP¶ CŕP»C-Pr P·
PsP±PµCĤPµP¶PSC-CŕC,CĤ P·P°CŕC,PsCŕPsPICŕPIP°C,Pë PrCŕP»PsPeCŕPµC,PëPS C-P·
P»C-PeP°CĤCŕCĤPëPëPjPë P·P°CŕPsP±P°PjPë, C¶PeC- PjPsP¶CŕC,CĤ PiPsPiC-CĤC€PëC,Pë
PNëPsPiPs PjPµC,P°P±PsP»C-P·Pj (PrPëPI. CĤPsP·PrC-P» B«P·P°C"PjPsPrC-C¶ P· C-PSC€PëPjPë
P»C-PeP°CĤCŕCĤPëPëPjPë P·P°CŕPsP±P°PjPë C,P° C-PSC€C- PIPëPrPë PIP·P°C"PjPsPrC-PNëB»).

PµP°C†C-C" PSC,P°Pj, Cŕ C¶PePëC... CŕPiPsCŕC,PµCĤC-PiP°C"C,CĤCŕC¶
CŕC,C-PNëPePµ PiC-PrPIPëC%PµPSPSC¶ P°CĤC,PµCĤC-P°P»CĤPSPsPiPs C,PëCŕPëCŕ
PiC-Pr C†P°Cŕ PiCĤPëPNëPsPjCŕ PrCŕP»PsPeCŕPµC,PëPSCŕ, CŕP»C-Pr
CĤPsP·PiP»C¶PSCŕC,Pë PjPsP¶P»PëPIC-CŕC,CĤ P·PjPµPSC€PµPSPSC¶ PrPsP·Pë P°P±Ps
PiPsCŕC,CŕPiPsPiPµ PiCĤPëPiPëPSPµPSPSC¶ PiCĤPëPNëPsPjCŕ (PrPëPI. CĤPsP·PrC-P»
B«PµPsP±C-C†PSC- CĤPµP°PeC†C-C-B»). PµP°C†C-C" PSC,P°Pj C-P·
PSPµPePsPSC,CĤPsP»CĤPsPIP°PSPsCĤ PiC-PiPµCĤC,PµPSP·C-C" CĤ PrCŕP»PsPeCŕPµC,PëPS
PSPµ CŕP»C-Pr CĤPsP·PiPsC†PëPSP°C,Pë (PrPëPI. CĤPsP·PrC-P»
B«PµCĤPsC,PëPiPsPeP°P·P°PSPSC¶B»).

PkPëCĤPePsPIP° PSPµPrPsCŕC,P°C,PSC-CŕC,CĤ. PµC-PrPIPëC%PµPSP°
PePsPSC†PµPSC,CĤP°C†C-C¶ PrCŕP»PsPeCŕPµC,PëPSCŕ Cŕ PiP»P°P·PjC- PeCĤPsPIC-
CŕPiPsCŕC,PµCĤC-PiP°C"C,CĤCŕC¶ Cŕ PiP°C†C-C" PSC,C-PI P· C,C¶P¶PePëPjPë
PiPsCĤCŕC€PµPSPSC¶PjPë C,,CŕPSPeC†C-C— PSPëCĤPsPe PiCĤPë PiPµPjPsPrC-P°P»C-P·C-
(PeP»C-CĤPµPSCŕ PeCĤPµP°C,PëPSC-PSCŕ <30 PjP»/C...PI). P"P»C¶ PiP°C†C-C" PSC,C-PI C-P·
C,C¶P¶PePëPjPë PiPsCĤCŕC€PµPSPSC¶PjPë C,,CŕPSPeC†C-C— PSPëCĤPsPe PrPëPI.
CĤPsP·PrC-P» B«PµCĤPsC,PëPiPsPeP°P·P°PSPSC¶B». P†PSC,,PsCĤPjP°C†C-CĤ PiCĤPs
PiP°C†C-C" PSC,C-PI P· P»PµPiPePsCĤ P°P±Ps CŕPµCĤPµPrPSCĤPsCĤ
PrPëCŕC,,CŕPSPeC†C-C" CĤ PSPëCĤPsPe PrPëPI. Cŕ CĤPsP·PrC-P»C- B«PŷPiPsCŕC-P±
P·P°CŕC,PsCŕCŕPIP°PSPSC¶ C,P° PrPsP·PëB».

PŷPëPSPŕCĤPsPj CŕPµCĤPsC,PsPSC-PSCá/ P·P»PsC¶PeC-CŕPSPëPNë
PSPµPNëCĤPsP»PµPiC,PëC†PSPëPNë CŕPëPSPŕCĤPsPj (P—PkPŷ). PiPe C- Cŕ PIPëPiP°PrPeCŕ
P· C-PSC€PëPjPë CŕPµCĤPsC,PsPSC-PSPµCĤPiC-C†PSPëPjPë P°PiPµPSC,P°PjPë, PiCĤPë
P»C-PeCŕPIP°PSPSC- PrCŕP»PsPeCŕPµC,PëPSPsPj CŕPµCĤPsC,PsPSC-PSPsPiPëPNë
CŕPëPSPŕCĤPsPj P°P±Ps P·P»PsC¶PeC-CŕPSPëPNë PSPµPNëCĤPsP»PµPiC,PëC†PSPëPNë
CŕPëPSPŕCĤPsPj PjPsP¶Pµ CŕC,P°C,Pë PiPsC,PµPSC†C-PNëPSPs PSPµP±PµP·PiPµC†PSPëPj
PrP»C¶ P¶PëC,C,C¶, PsCŕPsP±P»PëPIPs PiCĤPë PsPrPSPsC†P°CŕPSPsPjCŕ
P·P°CŕC,PsCŕCŕPIP°PSPSC- C-PSC€PëC... CŕPµCĤPsC,PsPSC-PSPµCĤPiC-C†PSPëC...
P·P°CŕPsP±C-PI (PIPeP»CĤC†P°CĤC†Pë PŷP†P—P—Pŷ, PŷP†P—P—PŷPk,
C,CĤPëC†PëPeP»C-C†PSC- P°PSC,PëPrPµPiCĤPµCŕP°PSC,Pë P°P±Ps C,CĤPëPiC,P°PSPë),
P°PiPµPSC,Pë, C¶PeC- PiPsPiC-CĤC€CŕCĤC,CĤ PjPµC,P°P±PsP»C-P·Pj CŕPµCĤPsC,PsPSC-PSCŕ,
C,P°PeC- C¶Pe C-PSPiC-P±C-C,PsCĤPë MAO, P°P±Ps P· P°PSC,PëPiCŕPëC...PsC,PëC†PSPëPjPë
P·P°CŕPsP±P°PjPë P°P±Ps C-PSC€PëPjPë P°PSC,P°PiPsPSC-CŕC,P°PjPë PrPsPiP°PjC-PSCŕ,
P°P±Ps P±CŕPiCĤPµPSPsCĤC,,C-PSPsPj, C¶PeC- PjPsP¶CŕC,CĤ PIPiP»PëPIP°C,Pë PSP°

ГПмЧПсС,PsPSC-PSПмЧПiC-C±PSC- ГПëCГC,ПмPjPë
PSПмPNëЧПсPjПмPrC-P°C,PsЧПC-PI (PrPëPI. ЧПсP·PrC-P»Pë
B«PмЧПсC,PëPiPsPeP°P·P°PSPSCЦB» C- B«P°P·P°C°PjPsPrC-ЦI П· C-PSC€PëPjPë
P»C-PeP°CЧПГЧHPePëPjPë P·P°CГPсP±P°PjPë C,P° C-PSC€C- PIPëPrPë
PIP·P°C°PjPsPrC-PNëB»).

PÏPeC%Ps PsPrPSPсC±P°CГPSPм P»C-PeCГPIP°PSPSCЦ PrCГP»PsPeCГПмC,PëPSPsPj C,P°
C-PSC€PëPjPë ГПмЧПсC,PsPSC-PSПмЧПiC-C±PSPëPjPë/ PSПмPNëЧПсP»ПмPiC,PëC±PSPëPjPë
P·P°CГPсP±P°PjPë, ЦIПеC- PjPsP¶CГC,ЧH PIP°P»PëPIP°C,Pë PSP°
ГПмЧПсC,PsPSC-PSПмЧПiC-C±PSC- C,P°/P°P±Ps PrPsC„P°PjC-PSПмЧПiC-C±PSC-
PSПмPNëЧПсPjПмPrC-P°C,PsЧПPSC- ГПëCГC,ПмPjPë, C° PeP»C-PSC-C±PSPs
PsP±T°ЧПсPSC,PsPIP°PSPëPj, ЧППмPePsPjПмPSPrCГC°C,ЧHГЦI ЧППмC,ПмP»ЧHPSPëPNë
PSP°PiP»CЦPr P·P° PiP°CГC-C°PSC,PsPj, PsCГPсP±P»PëPIPs PiC-Pr C±P°CГ
C-PSC-CГC-ЧHPIP°PSPSCЦ P»C-PeCГPIP°PSPSCЦ C,P° P·P±C-P»ЧHCEПмPSPSCЦ PrPsP·Pë.

PÿPëPjPiC,PsPjPë ГПмЧПсC,PsPSC-PSПsPIPsPiPs ГПëPSPPrЧПсPjCГ PjPsP¶CГC,ЧH
PIPeP»ЧHсP°C,Pë P·PjC-PSCГ PiCГPëC...C-C±PSPsPiPs ГC, P°PSCГ (PSP°PiЧПPëPeP»P°Pr,
P°P¶C-PsC,P°P¶, PiP°P»ЧHсPëPSP°CГC-—, PePsPjP°), PIPмPiПмC,P°C,PëPIPsCГ
PSПмCГC,P°P±C-P»ЧHPSс-ГC,ЧH (PSP°PiЧПPëPeP»P°Pr, C,P°C...C-PeP°CЧПPrC-ЦI,
P»P°P±C-P»ЧHPSPëPNë P°CЧП,ПмЧПC-P°P»ЧHPSPëPNë C,PëCГPe, PiC-PiПмЧПC,ПмЧПPjC-ЦI),
PSПмЧПPIPsPIPs-PjB¶™ ЦIП·PsPIC- P°P±ПмЧПP°CГC-— (PSP°PiЧПPëPeP»P°Pr,
PiC-PiПмЧПЧППмC„P»ПмPeCГC-ЦI, PSПмPePsPiПмЧППмPSC,PSC-ГC,ЧH) C,P°/P°P±Ps
ГПëPjPiC,PsPjPë C€P»CГPSPePsPIPs-PePëC€PePsPIPsPiPs C,ЧПP°PeC,CГ (PSP°PiЧПPëPeP»P°Pr,
PSCГPrPsC,P°, P±P»ЧHPIP°PSPSCЦ, PrC-P°ЧППмCЦI). PÿПмЧПсC,PsPSC-PSПsPIPëPNë
ГПëPSPPrЧПсPj CГ ГПPIPsC—PNë PSP°PNëPIP°P¶C±C-PNë C„PsЧПPjC- PjPsP¶Пм
PSP°PiP°PrCГPIP°C,Pë P—PкPÿ, PIPeP»ЧHсP°ЧHсPë PiC-PiПмЧПC,ПмЧПPjC-ЧH,
ЧПPëPiC-PrPSC-ГC,ЧH PjB¶™ ЦIП·C-PI, PiC-PrPIPëC%ПмPSPëPNë ЧПC-PIПмPSCH
PeЧППмP°C,PëPSPeC-PSP°P·Pë PI ГПëЧПсPPIP°C,CГC- PeЧПсPIC-, PIPмPiПмC,P°C,PëPIPsCГ
PSПмCГC,P°P±C-P»ЧHPSс-ГC,ЧH C-P· PjPsP¶P»PëPIPëPjPë C€PIPëPrPePëPjPë
PePsP»PëPIP°PSPSCЦPjPë P¶PëC,C,C°PIPs PIP°P¶P»PëPIPëC... PsP·PSP°Pe C- P·PjC-PSP°PjPë
PiCГPëC...C-C±PSPsPiPs ГC, P°PSCГ.

*ПмЧППмPiP°ЧПP°C,Pë, C%Ps PjC-ГC,ЦIC,ЧH C,ЧПP°PICž P·PIC-ЧПсP±PsЧH.
ПмPsP±C-C±PSC- ЧППмP°PeCГC-— PjPsP¶CГC,ЧH P±CГC,Pë P±C-P»ЧHс€
PiPsC€PëЧППмPSPëPjPë PiЧПPë PsPrPSPсC±P°CГPSPsPjCГ P·P°CГC,PsCГCГPIP°PSPSC-
PiЧППмPiP°ЧПP°C,CГ P°CГP»PsPeCГПмPSC,P°^{B®} C,P° ЧПсCГP»PëPSPSC-C...
PiЧППмPiP°ЧПP°C,C-PI, C%Ps PjC-ГC,ЦIC,ЧH C,ЧПP°PICГ P·PIC-ЧПсP±PsЧH (*Hypericum perforatum*).*

PÿCžC—CГPëPr.

*P°ПмP»PëPePëPNë PrПмPiЧППмCГPëPIPsPëPNë ЧПсP·P»P°Pr C,P°
PiПмPSPмЧПP°P»C-P·PsPIP°PSPëPNë C,ЧПPëPIPsP¶PSPëPNë ЧПсP·P»P°Pr.*

P°ПмPiЧППмCГC-ЦI, PiPsPiB¶™ ЦIП·P°PSP° P· PiC-PrPIPëC%ПмPSPëPj ЧПPëP·PëPePsPj
CГCГC—CГPëPrP°P»ЧHPSПsPiPs PjPëCГP»ПмPSPSCЦ, PSP°PSPмCГПмPSPSCЦ
CГC€PePsPrP¶ПмPSCH ГПсP±C- C,P° CГCГC—CГPëPrCГ (ЦIPIPëC%P°, PiPsPiB¶™ ЦIП·P°PSC-
P· CГCГC—CГPëPrPsPj). P PëP·PëPe C-ГCГCГC° PrPs PrPsCГЦIПиPSPмPSPSCЦ P·PSP°C±PSPсC—
ЧППмPjC-ГC-— PмP°CГC-C°PSC,P° PSPмPsP±C...C-PrPSPs ГCГPPIPsЧПсP
PePsPSC,ЧПсP»ЧHPIP°C,Pë PrPs PrPsCГЦIПиPSPмPSPSCЦ P·PSP°C±PSPsPiPs
PiPsPeЧПP°C%P°PSPSCЦ, PsCГPeC-P»ЧHPePë ЧППмPjC-ГC-ЦI PjPsP¶Пм PSPм

PSP°CÍC,P°C,Pë PíCĤPsC,ЦIPIPsPj PeC-P»ЧҺPePsC... PíPµCĤC€PëC... C,PëP¶PSC-PI P»C-PeCíPIP°PSPSCЦ P°P±Ps P±C-P»ЧҺC€Pµ. P†P· P·P°PíP°P»ЧҺPSPsPiPs PeP»C-PSC-C†PSPsPiPs PrPsCÍPIC-PrCí PIC-PrPsPjPs, C°Ps CĤPëP·PëPe CÍCíC—C†PëPrCí PíC-PrPIPëC°CíC”C,ЧҺCÍCЦ PSP° PíPsC†P°C,PePsPIPëC... PµC,P°PíP°C... P»C-PeCíPIP°PSPSCЦ.

P†PSC€C- PíCÍPëC...C-C†PSC- CĤPsP·P»P°PrPë, PíCĤPë CЦPePëC... CÍP»C-Pr PíCĤPëP·PSP°C†P°C,Pë PíCĤPµPíP°CĤP°C, P”CíP»PsPeCÍPµPSC,P°B®, C,P°PePsP¶ PjPsP¶CíC,ЧҺ P±CíC,Pë P°CÍPsC†C-PMsPiP°PSC- P· PíC-PrPIPëC°PµPSPëPj CĤPëP·PëPePsPj CÍCíC—C†PëPrP°P»ЧҺPSPëC... CЦPIPëC°. PhPeCĤC-Pj C,PsPiPs, C†C- PíCÍPëC...C-C†PSC- CÍC,P°PSPë PjPsP¶CíC,ЧҺ P±CíC,Pë PePsPjPsCĤP±C-PrPSC-, CЦPeC°Ps PIPsPSPë CÍCíPíCĤPsPIPsPrP¶CíCĤC,ЧҺ PIPµP»PëPePëPµ PrPµPíCĤPµCÍPëPIPSPëPµ CĤPsP·P»P°Pr. PŷP°PePëPj C†PëPSPsPj, PSPµPsP±C...C-PrPSPs PIP¶PëPIP°C,Pë PsPrPSP°PePsPIPëC... P·P°CÍC,PµCĤPµP¶PSPëC... P·P°C...PsPrC-PI PíCĤPë P»C-PeCíPIP°PSPSC- PíP°C†C-C”PSC,C-PI CЦPe C-P· PIPµP»PëPePëPj PrPµPíCĤPµCÍPëPIPSPëPj CĤPsP·P»P°PrPsPj, C,P°Pe C- P· C-PSC€PëPjPë PíCÍPëC...C-C†PSPëPjPë CÍC,P°PSP°PjPë. Pj PíP°C†C-C”PSC,C-PI, CЦPeC- PjP°CĤC,ЧҺ Pí P°PSP°PjPSPµP·C- CÍCíC—C†PëPrP°P»ЧҺPSC- CЦPIPëC°P° P°P±Ps P·PSP°C†PSPëPµ CĤC-PIPµPSCĤ CÍCíC—C†PëPrP°P»ЧҺPSPsPiPs PjPëCÍP»PµPSPSCЦ, CĤPëP·PëPe PIPëPSPëPePSPµPSPSCЦ CÍCíC—C†PëPrP°P»ЧҺPSPsC— PíPsPIPµPrC-PSPePë P±C-P»ЧҺC€PëPµ, C,PsPjCí PSPµPsP±C...C-PrPSPëPµ P±C-P»ЧҺC€ CĤPµC,PµP»ЧҺPSPëPµ PePsPSC,CĤPsP»ЧҺ PíC-Pr C†P°CÍ P»C-PeCíPIP°PSPSCЦ.

PĤPµC,P°P°PSP°P»C-P· PíP»P°C†PµP±Ps-PePsPSC,CĤPsP»ЧҺPsPIP°PSPëC... PeP»C-PSC-C†PSPëC... PrPsCÍP»C-PrP¶PµPSCĤ P°PSC,PëPrPµPíCĤPµCÍP°PSC,C-PI PíCĤPë PíCÍPëC...C-C†PSPëC... CĤPsP·P»P°PrP°C... PíPsPeP°P·P°PI PíC-PrPIPëC°PµPSPëPµ CĤPëP·PëPe CÍCíC—C†PëPrP°P»ЧҺPSPsC— PíPsPIPµPrC-PSPePë PíCĤPë P·P°CÍC,PsCÍCíPIP°PSPSC- P°PSC,PëPrPµPíCĤPµCÍP°PSC,C-PI PíPsCĤC-PIPSCЦPSPs P· PíP»P°C†PµP±Ps Cí PíP°C†C-C”PSC,C-PI PIC-PePsPj PrPs 25 CĤPsPeC-PI. PµPsPIC-PrPsPjP»CЦP»Pë PíCĤPs PIPëPíP°PrPePë CÍCíC—C†PëPrP°P»ЧҺPSPsPiPs PjPëCÍP»PµPSPSCЦ C,P° CÍCíC—C†PëPrP°P»ЧҺPSPsC— PíPsPIPµPrC-PSPePë PíC-Pr C†P°CÍ C,PµCĤP°PíC-C— PrCíP»PsPeCÍPµC,PëPSPsPj P°P±Ps PsPrCĤP°P·Cí PíC-CÍP»CЦ PíCĤPëPíPëPSPµPSPSCЦ P»C-PeCíPIP°PSPSCЦ (PrPëPI. CĤPsP·PrC-P» B«PµPsP±C-C†PSC- CĤPµP°PeC†C-C—B»).

PµCĤPsC,CЦPIPsPj C,PµCĤP°PíC-C—, PsCÍPsP±P»PëPIPs PSP° CĤP°PSPSC-C... PµC,P°PíP°C... C,P° PíCĤPë P·PjC-PSC- PrPsP·CíPIP°PSPSCЦ, PSPµPsP±C...C-PrPSPs CĤPµC,PµP»ЧҺPSPs CÍPíPsCÍC,PµCĤC-PíP°C,Pë P·P° PíP°C†C-C”PSC,P°PjPë, PSP°CÍP°PjPíPµCĤPµPr P·P° C,PëPjPë, CЦPeC- P·PSP°C...PsPrCЦC,ЧҺCÍCЦ Cí PíCĤCíPíC- CĤPëP·PëPeCí, P° C,P°PePsP¶ P·PrC-PMsCÍPSCĤPIP°C,Pë PIC-PrPíPsPIC-PrPSCí P·PjC-PSCí PrPsP·CíPIP°PSPSCЦ. PµP°C†C-C”PSC,Pë C,P° PsCÍPsP±Pë, CЦPeC- P·P° PSPëPjPë PrPsPiP»CЦPrP°CĤC,ЧҺ, PíPsPIPëPSPSC- P±CíC,Pë PíCĤPsC-PSC,,PsCĤPjPsPIP°PSC- PíCĤPs PSPµPsP±C...C-PrPSC-CÍC,ЧҺ PePsPSC,CĤPsP»ЧҺPIP°C,Pë P±CíPrЧҺ-CЦPePµ PeP»C-PSC-C†PSPµ PíPsPiC-CĤC€PµPSPSCЦ, CÍCíC—C†PëPrP°P»ЧҺPSCí PíPsPIPµPrC-PSPeCí P°P±Ps PrCíPjPePë C,P° PSPµP·PIPëC†PSC- P·PjC-PSPë Cí PíPsPIPµPrC-PSC†C- C,P° PSPµPíP°PMsPSPs P·PIPµCĤPSCíC,PëCÍCЦ PrPs P»C-PeP°CĤCЦ PíCĤPë C—C... PIPëPSPëPePSPµPSPSC-.

P”C-P°P±PµC,PëC†PSPëPµ PíPµCĤPëC,,PµCĤPëC†PSPëPµ PSPµPMsCĤPsPíP°C,PëC†PSPëPµ P±C-P»ЧҺ. PµPsPIC-PrPsPjP»CЦP»Pë PíCĤPs PíPsPsPrPëPSPsPeC- PIPëPíP°PrPePë CÍCíC—C†PëPrP°P»ЧҺPSPsPiPs PjPëCÍP»PµPSPSCЦ C,P° CÍCíC—C†PëPrP°P»ЧҺPSPsC— PíPsPIPµPrC-PSPePë PíC-Pr C†P°CÍ C,PµCĤP°PíC-C— PrCíP»PsPeCÍPµC,PëPSPsPj P°P±Ps

PsPrCḥP°P·Cf PīC-CfP»Cḥ C—C— P·P°PeC-PSC†PμPSPSCḥ, CḥPe C- PīCḥPē PīCḥPēPNēPsPjC-
C-PSC€PēC... P»C-PeP°CḥCfCḥPePēC... P·P°CfPsP±C-PI C-P· PīPsPrC-P±PSPsCḥ
C„P°CḥPjP°PePsP»PsPīC-C†PSPsCḥ PrC-C”Cḥ (P°PSC,PēPrPμPīCḥPμCfP°PSC,Pē). P»C-PeP°CḥC-
PjP°CḥC,Cḥ C-PSC„PsCḥPjCfPīP°C,Pē PīP°C†C-C”PSC,C-PI PīCḥPs
PSPμPsP±C...C-PrPSC-CfC,Cḥ PīPsPIC-PrPsPjP»CḥC,Pē PīCḥPs P±CfPrCḥ-CḥPeC-
PIC-PrC†CfC,C,Cḥ P·P°PSPμPīPsPePsC”PSPSCḥ.

P—P°CfC,PsCfCzPIP°PSPSCḥ PrC-C,CḥPj C,P° PīC-PrP»C-C,PeP°Pj PrPs 18 CḥPsPeC-PI.

P”CfP»PsPeCfPμPSC,P°^{B®} PSPμ CfP»C-Pr P·P°CfC,PsCfPsPICfPIP°C,Pē PrP»Cḥ
P»C-PeCfPIP°PSPSCḥ PrC-C,PμPNē C,P° PīC-PrP»C-C,PeC-PI PIC-PePsPj PrPs 18
CḥPsPeC-PI. PμPsPIPμPrC-PSPeP°, PīPsPIBḥ™ CḥP·P°PSP° P· CfP°PjPsPīCfP±CfC,PIPj
(CfPīCḥPsP±Pē CfCfC—C†PēPrCf C,P° CfCfC—C†PēPrP°P»CḥPSC- PrCfPjPePē), C,P°
PIPSCḥPsP¶C-CfC,Cḥ (PīPμCḥPμPIP°P¶PSPs P°PīCḥPμCfC-Cḥ, PsPīPsP·PēC†C-PNēPSP°
PīPsPIPμPrC-PSPeP° C,P° PīPSC-PI) C†P°CfC,C-C€Pμ CfPīPsCfC,PμCḥC-PiP°P»PēCfCḥ
Cf PeP»C-PSC-C†PSPēC... PrPsCfP»C-PrP¶PμPSPSCḥC... CfPμCḥPμPr PrC-C,PμPNē C,P°
PīC-PrP»C-C,PeC-PI, CḥPeC- PsC,CḥPēPjCfPIP°P»Pē P°PSC,PēPrPμPīCḥPμCfP°PSC,Pē,
PīPsCḥC-PIPSCḥPSPs P· C,PēPjPē, C...C,Ps PsC,CḥPēPjCfPIP°PI PīP»P°C†PμP±Ps.
PīPeC%Ps PSP° PīC-PrCfC,P°PIC- PeP»C-PSC-C†PSPsC— PīPsC,CḥPμP±Pē
CḥC-C€PμPSPSCḥ PīCḥPs P»C-PeCfPIP°PSPSCḥ PICfPμ P¶ PīCḥPēPNēPSCḥC,Ps,
PīP°C†C-C”PSC,P° CfP»C-Pr CḥPμC,PμP»CḥPSPs CfPīPsCfC,PμCḥC-PiP°C,Pē PSP°
PīCḥPμPrPjPμC, PīPsCḥPIPē CfCfC—C†PēPrP°P»CḥPSPēC... CfPēPjPīC,PsPjC-PI
(PrPēPI. CḥPsP·PrC-P» B«PαP°CḥPjP°PePsPrPēPSP°PjC-PeP°B»). PḥCḥC-Pj C,PsPīPs,
PIC-PrCfCfC,PSC- PrPsPīPsCfC,CḥPsPePsPIC- PrP°PSC- C%PsPrPs P±PμP·PīPμPePē
PrP»Cḥ PrC-C,PμPNē C,P° PīC-PrP»C-C,PeC-PI C%PsPrPs CḥPsCfC,Cf,
PrPsP·CḥC-PIP°PSPSCḥ C,P° PePsPīPSC-C,PēPIPSPsPīPs C,P°
PīPsPIPμPrC-PSPePsPIPsiPs CḥPsP·PIPēC,PeCf (PrPēPI. CḥPsP·PrC-P»
B«PμPsP±C-C†PSC- CḥPμP°PeC†C-C—B»).

P”PμPjPsCḥP°PīC-C—. PμPsPIC-PrPsPjP»CḥP»Pē PīCḥPs PeC-P»CḥPeP° PīPēPīP°PrPeC-PI
PīPμPjPsCḥP°PīC-PNē, P·PsPeCḥPμPjP° PeCḥPsPIPsiPIPēP»PēPIC-PI, PīCfCḥPīCfCḥPē,
C€P»CfPSPePsPīPs-PePēC€PePsPīPsC— PeCḥPsPIPsiC,PμC†C- P· CfPμP»PμPeC,PēPIPSPēPjPē
C-PSPiC-P±C-C,PsCḥP°PjPē P·PIPSCḥPsC,PSPsiPs P·P°C...PsPīP»PμPSPSCḥ
CfPμCḥPsC,PsPSC-PSCf (PŸP†P—P—PŸ) C- CfPμP»PμPeC,PēPIPSPēPjPē
C-PSPiC-P±C-C,PsCḥP°PjPē P·PIPSCḥPsC,PSPsiPs P·P°C...PsPīP»PμPSPSCḥ
CfPμCḥPsC,PsPSC-PSCf C,P° PSPsCḥP°PrCḥPμPSP°P»C-PSCf (PŸP†P—P—PŸPk),
PIPeP»CḥC†P°CḥC†Pē PrCfP»PsPeCfPμC,PēPS. P”CfP»PsPeCfPμC,PēPS PjPsP¶Pμ
P·P±C-P»CḥC€PēC,Pē CḥPēP·PēPe PīC-CfP»CḥPīPsP»PsPīPsPIPēC... PeCḥPsPIPsiC,PμC† (PrPēPI.
CḥPsP·PrC-P» B«P—P°CfC,PsCfCfPIP°PSPSCḥ Cf PīPμCḥC-PsPr PIP°PīC-C,PSPsCfC,C- P°P±Ps
PīPsPrCfPIP°PSPSCḥ PīCḥCfPrPrCḥB»). PμP°C†C-C”PSC,P°Pj, CḥPeC- PīCḥPēPNēPjP°CḥC,Cḥ
P°PSC,PēPePsP°PīCfP»CḥPSC,Pē C,P°/P°P±Ps P»C-PeP°CḥCfCḥPeC- P·P°CfPsP±Pē, CḥPeC-
PjPsP¶CfC,Cḥ PīPīP»PēPIP°C,Pē PSP° C„CfPSPeC†C-Cḥ C,CḥPsPjP±PsC†PēC,C-PI
(PSP°PīCḥPēPeP»P°Pr, PkPμP—P— P°P±Ps P°C†PμC,PēP»CfP°P»C-C†PēP»PsPIP°
PePēCfP»PsC,P°), C,P° PīP°C†C-C”PSC,P°Pj P· PIC-PrPsPjPsCḥ CfC...PēP»CḥPSC-CfC,Cḥ PrPs
PeCḥPsPIPsiC,PμC†C- CḥPμPePsPjPμPSPPrCfC”C,CḥCfCḥ PsP±PμCḥPμP¶PSC-CfC,Cḥ.

P”C-PīPsPSP°C,CḥC-C”PjC-Cḥ. PμCḥPē P·P°CfC,PsCfCfPIP°PSPSC- PrCfP»PsPeCfPμC,PēPSCf
PīPsPIC-PrPsPjP»CḥP»Pē PīCḥPs PīPēPīP°PrPePē PīC-PīPsPSP°C,CḥC-C”PjC-C—,
PIPeP»CḥC†P°CḥC†Pē PīPēPīP°PrPePē, PePsP»Pē CḥC-PIPμPSCḥ PSP°C,CḥC-Cḥ PI
CfPēCḥPsPIP°C,C†C- PeCḥPsPIC- PSPeP¶C†Pμ 110 PjPjPsP»Cḥ/P».

P“C-PiPsPSP°C,CḥC-C”PjC-Cḷ PjPsPḡPμ P±CfC,Pë CÍPíCḥPëC±PëPSPμPSP°
CÍPëPSPrCḥPsPjPsPj PSPμPIC-PrPiPsPIC-PrPSPsC— CÍPμPeCḥPμC†C-C—
P°PSC,PëPrC-CrCḥPμC,PëC±PSPsPiPs PiPsCḥPjPsPSCr (PŸPáPŸPḥP”P“).
P“C-P»CḥCëC-CÍC,Cḥ PIPëPiP°PrPeC-PI PiC-PiPsPSP°C,CḥC-C”PjC-C— P±CfP»Ps
P·P°C,,C-PeCÍPsPIP°PSPs Cr P»CḥPrPμPḡ P»C-C,PSCHbPsPiPs PIC-PeCf, PsCÍPsP±P»PëPIPs Cr
PiPsC”PrPSP°PSPSC- P· CrPjPsPIP°PjPë, CḷPeC- PiCḥPëP·PIPsPrCḷC,Cḥ PrPs P·PjC-PSPë
P±P°P»P°PSCÍCr CḥC-PrPëPSPë. PáPμPsP±C...C-PrPSPs P· PsP±PμCḥPμPḡPSC-CÍC,Cḥ
PiCḥPëP·PSP°C±P°C,Pë PiCḥPμPiP°CḥP°C, PiP°C†C-C”PSC,P°Pj C-P· PiC-PrPIPëC%PμPSPëPj
CḥPëP·PëPePsPj CḥPsP·PIPëC,PeCf PiC-PiPsPSP°C,CḥC-C”PjC-C— (PSP°PiCḥPëPeP»P°Pr,
PiP°C†C-C”PSC,P°Pj P»C-C,PSCHbPsPiPs PIC-PeCf), PiP°C†C-C”PSC,P°Pj C-P· C†PëCḥPsP·PsPj
PiPμC†C-PSPëPë, PrPμPiC-PrCḥP°C,PsPIP°PSPëPj PiP°C†C-C”PSC,P°Pj C,P° PiP°C†C-C”PSC,P°Pj,
CḷPeC- PsC,CḥPëPjCfCḥC,Cḥ PrC-CrCḥPμC,PëPePë.

PŸPëPSPrCḥPsPj PIC-PrPjC-PSPë. PŸPëPjPiC,PsPjPë CÍPëPSPrCḥPsPjCr PIC-PrPjC-PSPë C”
PrPsCÍPëC,Cḥ C±P°CÍC,PëPjPë, PsCÍPsP±P»PëPIPs PiCḥPë CḥC-P·PePsPjCr
PiCḥPëPiPëPSPμPSPSC- P»C-PeCfPIP°PSPSCḷ (PrPëPI. CḥPsP·PrC-P» B«PμPsP±C-C±PSC-
CḥPμP°PeC†C-C—B»). Pj PeP»C-PSC-C±PSPëC... PrPsCÍP»C-PrPḡPμPSPSCḷC...
PiPsP±C-C±PSC- CḷPIPëC%P°, CḷPeC- CÍPiPsCÍC,PμCḥC-PiP°P»PëCÍCḷ PiC-CÍP»Cḷ
CḥC-P·PePsPiPs PiCḥPëPiPëPSPμPSPSCḷ P»C-PeCfPIP°PSPSCḷ, PIPëPSPëPeP°P»Pë
PiCḥPëP±P»PëP·PSPs Cr 45 % PiP°C†C-C”PSC,C-PI, CḷPeC- PsC,CḥPëPjCfPIP°P»Pë
PrCfP»PsPeCÍPμC,PëPS, C- Cr 23 % PiP°C†C-C”PSC,C-PI, CḷPeC- PiCḥPëPḡPjP°P»Pë
PiP»P°C†PμP±Ps. P PëP·PëPe PIPëPSPëPePSPμPSPSCḷ CÍPëPjPiC,PsPjC-PI PIC-PrPjC-PSPë
PiCḥPë P·P°CÍC,PsCÍCrPIP°PSPSC- PŸP†P—P—PŸ C- PŸP†P—P—PŸPá P·P°P»PμPḡPëC,Cḥ PIC-Pr
PrPμPeC-P»CḥPePsC... C,,P°PeC,PsCḥC-PI, PIPeP»CḥC±P°CḥC±Pë C,CḥPëPIP°P»C-CÍC,Cḥ C-
PrPsP·Cr C,PμCḥP°PiC— C,P° CëPIPëPrPeC-CÍC,Cḥ P·PjPμPSCëPμPSPSCḷ PrPsP·Pë.
PáP°PḡC±P°CÍC,C-CëPμ PsPiPëCÍP°PSC- CḥPμP°PeC†C-C— PSP°PIPμPrPμPSPs PI
CḥPsP·PrC-P»C- B«PμPsP±C-C±PSC- CḥPμP°PeC†C-C—B». P—P°P·PIPëC±P°Pḡ C†C-
CÍPëPjPiC,PsPjPë P»PμPiPeC- P°P±Ps PiPsPjC-CḥPSC-, PsPrPSP°Pe Cr PrPμCḷPePëC...
PiP°C†C-C”PSC,C-PI PIPsPSPë PjPsPḡCrC,Cḥ P±CfC,Pë C,CḷPḡPePëPjPë, P·P°P·PIPëC±P°Pḡ
C,CḥP°PiP»CḷCḥC,CḥCÍCḷ PiCḥPsC,CḷPiPsPj PiPμCḥCëPëC... PeC-P»CḥPePsC... PrPSC-PI
PiC-CÍP»Cḷ PiCḥPëPiPëPSPμPSPSCḷ P»C-PeCfPIP°PSPSCḷ. P”CrPḡPμ CḥC-PrPePs C,P°PeC-
CÍPëPjPiC,PsPjPë CÍPiPsCÍC,PμCḥC-PiP°P»PëCÍCḷ Cr PiP°C†C-C”PSC,C-PI, CḷPeC-
PIPëPiP°PrPePsPIPs PiCḥPsPiCfCÍC,PëP»Pë PrPsP·Cr. PjC- CÍPëPjPiC,PsPjPë
CÍP°PjPsCÍC,C-PḡPSPs P·PjPμPSCëCfCḥC,CḥCÍCḷ C- P·P°P·PIPëC±P°Pḡ
P·PSPëPeP°CḥC,Cḥ PiCḥPsC,CḷPiPsPj 2 C,PëPḡPSC-PI, C...PsC±P° PI PrPμCḷPePëC...
PsCÍC-P± PIPsPSPë PjPsPḡCrC,Cḥ P±CfC,Pë C,CḥPëPIP°P»PëPjPë (2-3 PjC-CÍCḷC†C-
P°P±Ps P±C-P»CḥCëPμ). PŸPsPjCr CḥPμPePsPjPμPSPrCfC”C,CḥCÍCḷ
PiPsCÍC,CrPiPsPIPs P·PjPμPSCëCfPIP°C,Pë PrPsP·Cr PrCfP»PsPeCÍPμC,PëPSCr PiCḥPë
PiCḥPëPiPëPSPμPSPSC- P»C-PeCfPIP°PSPSCḷ PiCḥPsC,CḷPiPsPj PSPμ PjPμPSCëPμ 2
C,PëPḡPSC-PI PIC-PrPiPsPIC-PrPSPs PrPs PiPsC,CḥPμP± PiP°C†C-C”PSC,P° (PrPëPI.
CḥPsP·PrC-P» B«PŸPiPsCÍC-P± P·P°CÍC,PsCÍCrPIP°PSPSCḷ C,P° PrPsP·PëB»).

PμP°C†C-C”PSC,Pë P»C-C,PSCHbPsPiPs PIC-PeCf. P”P°PSC- C%PsPrPs
P·P°CÍC,PsCÍCrPIP°PSPSCḷ PrCfP»PsPeCÍPμC,PëPSCr Cr PrPsP·CrPIP°PSPSC- 120 PjPi
P»CḥPrCḷPj P»C-C,PSCHbPsPiPs PIC-PeCf P· PIPμP»PëPePëPj PrPμPiCḥPμCÍPëPIPSPëPj
CḥPsP·P»P°PrPsPj C,P° PiPμPSPμCḥP°P»C-P·PsPIP°PSPëPj C,CḥPëPIPsPḡPSPëPj
CḥPsP·P»P°PrPsPj PsP±PjPμPḡPμPSC-. PŸPsPjCr CÍP»C-Pr P±CfC,Pë
PsP±PμCḥPμPḡPSPëPjPë PiCḥPë P·P°CÍC,PsCÍCrPIP°PSPSC- PiCḥPμPiP°CḥP°C,Cr
PiP°C†C-C”PSC,P°Pj P»C-C,PSCHbPsPiPs PIC-PeCf P· PjP°PeCÍPëPjP°P»CḥPSPëPj

PrPsP·CfPIP°PSPSClPj (PrPëPI. CĤPsP·PrC-P» B«PŸPİPsCfC-P±
P·P°CfC,PsCfCfPIP°PSPSCl C,P° PrPsP·PëB» C-
B«PαP°CĤPjP°PePsPeC-PSPμC,PëPeP°B»).

PĥPeP°C,PëP·C-Cl/PİCfPëC...PsPjPsC,PsCĤPSPμ P·P°PSPμPİPsPePsC"PSPSCl. PμCĤPëPNëPsPj
PrCfP»PsPeCfPμC,PëPSCr PİCĤPëP·PIPPrPëC,Ch PrPs CĤPsP·PIPëC,PeCf P°PeP°C,PëP·C-C—,
C%Ps C...P°CĤP°PeC,PμCĤPëP·CfC"C,ChCfCcl CfCfP±'C"PeC,PëPIPSPs PSPμPİCĤPëC"PjPSPëPj
P°P±Ps C,CĤPëPIPSP¶PSPëPj P·P°PSPμPİPsPePsC"PSPSClPj C- PİPsC,CĤPμP±PsCĤ
CĤCfC...P°C,PëCfCcl, C±P°CfC,Ps CfCfPİCĤPsPİPsPrP¶CfCĤC±PëCfCĤ
PSPμPjPsP¶P»PëPIC-CfC,CĤ CfPëPrC-C,Pë P°P±Ps CfC,PsCclC,Pë PSP° PjC-CfC+C-.
PμPsPrC-P±PSC- PİCĤPsCclPIPë PİPëPSPëPeP°CĤC,Ch PİCĤPsC,ClPİPsPj PİPμCĤCëPëC...
PeC-P»ChPePsC... C,PëP¶PSC-PI P»C-PeCfPIP°PSPSCl. Pj PİP°C+C-C"PSC,C-PI, Cf CclPePëC...
CĤPsP·PIPëPIP°CĤC,ChCfCcl C+C- CfPëPjPİC,PsPjPë, P·P±C-P»ChCëPμPSPSCl PrPsP·Pë
PjPsP¶Pμ P±CfC,Pë CëPeC-PrP»PëPIPëPj.

P>C-PeP°CĤCfCĤPeC- P·P°CfPsP±Pë, C%Ps PjC-CfC,CclC,Ch PrCzP»PsPeCfPμC,PëPS.
P"CfP»PsPeCfPμC,PëPS PİC-Pr CĤC-P-PSPëPjPë C,PsCĤPİPsPİPμP»ChPSPëPjPë PjP°CĤPeP°PjPë
P·P°CfC,PsCfPsPICfCĤC,Ch P·P° PeC-P»ChPePsPjP° PİPsPeP°P·P°PSPSClPjPë
(PrC-P°P±PμC,PëC±PSPëPNë PSPμPNëCĤPsPİP°C,PëC±PSPëPNë P±C-P»Ch, PİPsP»PsPİPSPëPNë
PrPμPİCĤPμCfPëPİPSPëPNë CĤPsP·P»P°Pr, PİPμPSPμCĤP°P»C-P·PsPİP°PSPëPNë
C,CĤPëPIPSP¶PSPëPNë CĤPsP·P»P°Pr C,P° CfC,CĤPμCfPsPİPμ PSPμC,CĤPëPjP°PSPSCl
CfPμC±C-). PŸP»C-Pr CfPSPëPeP°C,Pë P·P°CfC,PsCfCfPIP°PSPSCl PeC-P»ChPePsC... C-P·
CfPëC... P»C-PeP°CĤCfCĤPePëC... P·P°CfPsP±C-PI PsPrPSPsC±P°CfPSPs.

PμC-PrPIPëC%PμPSPSCl CĤC-PIPSC-PI PμPSP·PëPjC-PI PİPμC±C-PSPePë. P—PSP°C±PSPμ
PİC-PrPIPëC%PμPSPSCl PμPSP·PëPjC-PI PİPμC±C-PSPePë (Cf 10 CĤP°P·C-PI P±C-P»ChCëPμ
P·P° PSPsCĤPjCf) C±Pë CfCĤP°P¶PμPSPSCl PİPμC±C-PSPePë P· C...PsP»PμCfC,P°P·PsPj P°P±Ps
P·PSP°C±PSPμ PİC-PrPIPëC%PμPSPSCl PμPSP·PëPjC-PI CĤP°P·PsPj P· CfCĤP°P¶PμPSPSClPj
PİPμC±C-PSPePë PİPëPSPëPeP°P»Pë CĤC-PrPePs (PrPëPI. CĤPsP·PrC-P» B«PμPsP±C-C±PSC-
CĤPμP°PeC+C-C—B»). PkP°PNëC±P°CfC,C-CëPμ PİCĤPs C+C- CclPIPëC%P°
PİPsPIC-PrPsPjP»CclP»Pë PİCĤPsC,CclPİPsPj PİPμCĤCëPëC... PjC-CfCclC+C-PI
P»C-PeCfPIP°PSPSCl. PjCĤP°P¶PμPSPSCl PİPμC±C-PSPePë PSP°PNëC±P°CfC,C-CëPμ
PjP°C" PİPμPİP°C,PsCfPμP»CĤP»CclCĤPSPëPNë C...P°CĤP°PeC,PμCĤ.
PkPμPsP±C...C-PrPSPs P· PsP±PμCĤPμP¶PSC-CfC,CĤ PİCĤPëP·PSP°C±P°C,Pë
PrCfP»PsPeCfPμC,PëPS PİP°C+C-C"PSC,P°Pj, CclPeC- PİCĤPëPNëPjP°CĤC,Ch
PİCĤPμPİP°CĤP°C,Pë, C%Ps PjPsP¶CfC,Ch CfPİCĤPëC±PëPSPëC,Pë
CfCĤP°P¶PμPSPSCl PİPμC±C-PSPePë.

PŸC,P°C,PμPIP° PrPëCfC,,CzPSPeC+C-Ccl. PŸPμP»PμPeC,PëPIPSC- C-PSPİC-P±C-C,PsCĤPë
P·PIPSCĤPsC,PSPsPİPs P·P°C...PsPİP»PμPSPSCl CfPμCĤPsC,PsPSC-PSCr PŸP†P—P—PŸ/
C-PSPİC-P±C-C,PsCĤPë P·PIPSCĤPsC,PSPsPİPs P·P°C...PsPİP»PμPSPSCl
CfPμCĤPsC,PsPSC-PSCr PSPsCĤP°PrCĤPμPSP°P»C-PSCr PŸP†P—P—PŸPk PjPsP¶CfC,Ch
CfPİCĤPëC±PëPSPëC,Pë CfPëPjPİC,PsPjPë CfC,P°C,PμPIPSC— PrPëCfC,,CfPSPeC+C-C— (PrPëPI.
CĤPsP·PrC-P» B«PμPsP±C-C±PSC- CĤPμP°PeC+C-C—.B»). PμPsPIC-PrPsPjP»CclP»Pë PİCĤPs
C,CĤPëPIP°P»Cf CfC,P°C,PμPICr PrPëCfC,,CfPSPeC+C-CĤ, PePsP»Pë CfPëPjPİC,PsPjPë
PİCĤPsPrPsPİP¶CfPIP°P»PëCfCcl, PSPμP·PIP°P¶P°CĤC±Pë PSP° PİCĤPëPİPëPSPμPSPSCl
PİCĤPëPNëPsPjCf PŸP†P—P—PŸ/PŸP†P—P—PŸPk.

PkP°CclPIPSC-CfC,Ch CfP°C...P°CĤPsP·Pë. PμCĤPμPİP°CĤP°C, P"CfP»PsPeCfPμPSC,P°B®
PjC-CfC,PëC,Ch CfP°C...P°CĤPsP·Cf. PkPμ PjPsP¶PSP° PİCĤPëP·PSP°C±P°C,Pë C,PIPμCĤPrC-

PePëC€PePsPIPsCĤPsP·C±PëPSPSC- PeP°PíCíCíP»Pë P”CíP»PsPeCíPµPSC,P°B®
PíP°C†C-C”PSC,P°Pj P·C- CíPíP°PrPePsPIPsCĤ PSpµPíPµCĤPµPSPsCíPëPjC-CíC,CĤ
C,,CĤCíPeC,PsP·Pë, CíPëPSPPrCĤPsPjPsPj PjP°P»CĤP°P±CíPsCĤP±C†C-C—,
PSPµPrPsCíC,P°C,PSC-CíC,CĤ CíP°C...P°CĤP°P·Pë-C-P·PsPjP°P»CĤC,P°P·Pë. PíPeC%Ps Cí
PíP°C†C-C”PSC,P° PICíC,P°PSPsPIP»PµPSP° PSpµPíPµCĤPµPSPsCíPëPjC-CíC,CĤ
PrPµCĪPePëC... C†CíPeCĤC-PI, PSPµPsP±C...C-PrPSPs
PíCĤPsPePsPSCíCíP»CĤC,CíPIP°C,PëCíCĪ P· P»C-PeP°CĤPµPj, PíPµCĤC€ PSC-P¶
PíCĤPëPNëPjP°C,Pë C†PµPNë P»C-PeP°CĤCíCĤPePëPNë P·P°CíC-P±.

*P—P°CíC,PsCíCáPIP°PSPSCĪ Cá PíPµCĤC-PsPr PIP°PiC-C,PSPsCíC,C- P°P±Ps
PiPsPrCáPIP°PSPSCĪ PiCĤCáPrPrCĤ.*

P°PíC-C,PSC-CíC,CĤ

P”PsCíP»C-PrP¶PµPSPSCĪ PSP° C,PIP°CĤPëPSP°C... PíPsPeP°P·P°P»Pë, C%Ps
CĤPµPíCĤPsPrCíPeC,PëPIPSP° C,PsPeCíPëC±PSC-CíC,CĤ PíCĤPë
CíPëCíC,PµPjPSPsPjCí PIPíP»PëPIC- (AUC) PrCíP»PsPeCíPµC,PëPSCí PSPëP¶C±P°,
PSC-P¶ PjP°PeCíPëPjP°P»CĤPSPëPNë PeP»C-PSC-C±PSPëPNë PIPíP»PëPI.

P—PiC-PrPSPs P· PrP°PSPëPjPë PrPIPsC... PIPµP»PëPePëC... PsP±CíPµCĤPIP°C†C-PNëPSPëC...
PrPsCíP»C-PrP¶PµPSCĤ, PíC-PrPIPëC%PµPSPSCĪ P·P°PíP°P»CĤPSPsPiPs CĤPëP·PëPeCí
PIPëPSPëPePSPµPSPSCĪ PIPµP»PëPePëC... PICĤPsPrP¶PµPSPëC... PIP°Pr CĤPsP·PIPëC,PeCí
PSPµ PíPµCĤPµPrP±P°C±P°C,CĤCíCĪ (PsPrPSPµ P· PrPsCíP»C-PrP¶PµPSCĤ
PíCĤPsPIPsPrPëP»PsCíCĪ Cí PŸPëPĥ C,P° PíPeP»CĤC±P°P»Ps 2500 PsCíC-P±, CĪPeC-
P·P°CíC,PsCíPsPICíPIP°P»Pë PrCíP»PsPeCíPµC,PëPS Cí PíPµCĤC€PsPjCí C,CĤPëPjPµCíC,CĤC-,
P° C-PSC€Pµ P±CíP»Ps PíCĤPsPIPµPrPµPSPµ PI P,,PŸ C,P° PíPeP»CĤC±P°P»Ps 1500 PsCíC-P±,
CĪPeC- P·P°CíC,PsCíPsPICíPIP°P»Pë PrCíP»PsPeCíPµC,PëPS Cí PíPµCĤC€PsPjCí
C,CĤPëPjPµCíC,CĤC-). PĥPSP°P»C-P· CíPíPµC†PëC,,C-C±PSPëC... PIP°Pr CĤPsP·PIPëC,PeCí,
C,P°PePëC... CĪPe PIP°PrPë CĤPsP·PIPëC,PeCí CíPµCĤC†CĪ, PíPsPeP°P·P°PI
PSPµPíPµCĤPµPePsPSP»PëPIC- CĤPµP·CíP»CĤC,P°C,Pë.

Pj PrPsCíP»C-PrP¶PµPSPSC-, PíCĤPsPIPµPrPµPSPsPjCí PI P,,PŸ, PIPíP»PëPI
PrCíP»PsPeCíPµC,PëPSCí PSP° PsCĤPíP°PSC-P·Pj PjP°C,PµCĤC- PSP° PíC-P·PSC-C...
C,PµCĤPjC-PSP°C... PIP°PíC-C,PSPsCíC,C- (Cí P±CíPrCĤ-CĪPePëPNë C±P°Cí PIC-Pr 20
C,PëP¶PSCĪ PíPµCíC,P°C†C-PNëPSPsPiPs PIC-PeCí C- PrPs PíPsP»PsPiC-PI) P±CíPI
PíPsPIBĥ™ CĪP·P°PSPëPNë C-P· PíC-PrPIPëC%PµPSPëPj CĤPëP·PëPePsPj
PíPµCĤPµPrC±P°CíPSPëC... PíPsP»PsPiC-PI (PjPµPSC€Pµ PSC-P¶ Cí 2 CĤP°P·Pë, C%Ps
PIC-PrPíPsPIC-PrP°C” PíCĤPëP±P»PëP·PSPs

6 PrPsPrP°C,PePsPIPëPj PíPµCĤPµPrC±P°CíPSPëPj PíPsP»PsPiP°Pj PSP° PePsP¶PSC- 100
P¶C-PSPsPe, CĪPeC- P·P°CíC,PsCíPsPICíPIP°P»Pë PrCíP»PsPeCíPµC,PëPS PSP° PíC-P·PSC-C...
C,PµCĤPjC-PSP°C... PIP°PíC-C,PSPsCíC,C-). P’C-P»CĤC€C-CíC,CĤ P· PSPëC...
PIC-PrP±CíP»PëCíCĪ Cí PíPµCĤC-PsPr P· 35 PrPs 36 C,PëP¶PrPµPSCĤ PIP°PíC-C,PSPsCíC,C-
P’ PrPsCíP»C-PrP¶PµPSPSC-, PíCĤPsPIPµPrPµPSPsPjCí Cí PŸPëPĥ, C†PµPNë P·PIBĥ™ CĪP·PsPe
PSPµ PIC-PrCíP»C-PrPePsPICíPIP°PICíCĪ.

P”P°PSC- CíPíPsCíC,PµCĤPµP¶PµPSCĤ PíPeP°P·CíCĤC,CĤ PSP° PíC-PrPIPëC%PµPSPëPNë
CĤPëP·PëPe (PjPµPSC€Pµ PSC-P¶ Cí 2 CĤP°P·Pë) PíC-CíP»CĪPíPsP»PsPiPsPIPsC—
PeCĤPsPIPsC,PµC±C- PíC-CíP»CĪ PIPíP»PëPICí PrCíP»PsPeCíPµC,PëPSCí PíCĤPsC,CĪPiPsPj
PjC-CíCĪC†CĪ PrPs PSP°CĤPsPrP¶PµPSPSCĪ.

P•PiC-PrPμPjC-PsP»PsPiC-C†PSC- PrP°PSC- CÍPIC-PrC†P°C,CH, C%Ps
P•P°CÍC,PsCÍCfPIP°PSPSCÍ PŸP†P—P—PŸ CÍ PiPμC†C-PsPr PIP°PiC-C,PSPsCÍC,C-,
PsCÍPsP±P»PëPIPs PSP° PiC-P•PSC-C... C,PμC†PjC-PSP°C... PIP°PiC-C,PSPsCÍC,C-, PjPsP¶Pμ
P•P±C-P»CHC€PëC,Pë C†PëP•PëPe CÍC,C-PNëPePsC— P»PμPiPμPSPμPIPsC—
PiC-PiPμC†C,PμPSP•C-C— CÍ PSPsPIPsPSP°C†PjPsPrP¶PμPSPëC... (PμP»P“Pќ). PÍPsC†P°
P•PIB†™ CÍP•PsPe PμP»P“Pќ C-P• P»C-PeCÍPIP°PSPSCÍPj PŸP†P—P—PŸPќ PSPμ
PrPsCÍP»C-PrP¶CÍPIP°P»Pë, C†PμPNë PiPsC,PμPSC†C-PNëPSPëPNë C†PëP•PëPe PSPμ PjPsP¶Pμ
P±CÍC,Pë PIPëPeP»C†C†PμPSPëPNë C-P• P•P°CÍC,PsCÍCfPIP°PSPSCÍPj
PrCÍP»PsPeCÍPμC,PëPSCÍ P• CÍC†P°C...CÍPIP°PSPSCÍPj PIC-PrPiPsPIC-PrPSPsPiPs
PjPμC...P°PSC-P•PjCÍ PrC-C— (PiP°P»CHPjCÍPIP°PSPSCÍ PiPsPIC,PsC†PSPsPiPs
PiC†PëPNëPsPjCÍ CÍPμC†PjPsC,PsPSC-PSCÍ).

PİPe C- PiC†Pë PiC†PëPNëPsPjC- C-PSC€PëC... CÍPμC†PjPsC,PsPSC-PSPμC†PjPiC-C†PSPëC...
P»C-PeP°C†C†CHPëPëC... P•P°CÍPsP±C-PI, CÍ PSPμPjPsPIP»CÍC, PjPsP¶CÍC,CH
CÍPiPsCÍC,PμC†C-PiP°C,PëCÍCÍ CÍPëPjPiC,PsPjPë CÍPëPSP†C†PjPsPjCÍ PIC-PrPjC-PSPë,
CÍPeC%Ps PjP°C,Pë P•P°CÍC,PsCÍPsPICfPIP°P»P° PrCÍP»PsPeCÍPμC,PëPS PiPμC†PμPr
PiPsP»PsPiP°PjPë. PŸPëPjPiC,PsPjPë CÍPëPSP†C†PjPsPjCÍ PIC-PrPjC-PSPë PIPeP»C†C†P°C†C,CH
PiC-PiPsC,PsPSC-C†, C,C†PμPjPsC†, CÍPëPSP†C†PjPsPj PiC-PrPIPëC%PμPSPsC—
PSPμC†PjPIPsPIPs-C†PμC„P»PμPeC,PsC†PSPsC— P•P±CÍPrP»PëPIPsCÍC,C-,
CÍC,C†CÍPrPSPμPSPSCÍ PePsPIC,P°PSPSCÍ C- CÍPjPsPeC,P°PSPSCÍ, PrPëC...P°P»CHPSC-
C†PjPsP»P°PrPë, PμPiC-P»PμPiC,PëC†PSC- PSP°PiP°PrPë. Pj P±C-P»CHC€PsCÍC,C-
PIPëPiP°PrPeC-PI C†C- CÍPëPjPiC,PsPjPë CÍPiPsCÍC,PμC†C-PiP°P»PëCÍCÍ PsPrC†P°P•CÍ
PiC-CÍP»CÍ PSP°C†PjPsPrP¶PμPSPSCÍ P°P±Ps PiC†PjPsC,CÍPiPsPj PeC-P»CHPePsC...
PiPμC†PëC€PëC... PrPSC-PI P¶PëC,C,CÍ.

P—P°CÍC,PsCÍCfPIP°PSPSCÍ PiC†PμPiP°C†P°C,CÍ CÍ PiPμC†C-PsPr PIP°PiC-C,PSPsCÍC,C-
C†PμPePsPjPμPSP†CÍC”C,CHCÍCÍ P»PëC€Pμ P•P° CÍPjPsPIPë, CÍPeC%Ps PsC†C-PeCÍPIP°PSP°
PePsC†PëCÍC,CH PiPμC†PμPIPμC†C€CÍC” PiPsC,PμPSC†C-PNëPSPëPNë C†PëP•PëPe PrP»CÍ
PiP»PsPrP°. P-C-PSPeP°Pj, CÍPeC- PiC†PëPNëPjP°C†C,CH PrCÍP»PsPeCÍPμC,PëPS,
PSPμPsP±C...C-PrPSPs C†PμPePsPjPμPSP†CÍPIP°C,Pë PiPsPIC-PrPsPjP»CÍC,Pë
P»C-PeP°C†C† PiC†PjPs C,Pμ, C%Ps PIPsPSPë P•P°PIP°PiC-C,PSC-P»Pë P°P±Ps
PiP»P°PSCÍC†C,CH PIP°PiC-C,PSC-CÍC,CH.

P”PsPrCÍPIP°PSPSCÍ PiC†PjPrPrC†

P”CÍP»PsPeCÍPμC,PëPS CÍP»P°P±PePs PμPeCÍPeC†PμC,CÍC”C,CHCÍCÍ CÍ PiC†PjPrPSPμ
PjPsP»PsPePs, PrP°PSC- PsC,C†PëPjP°PSC- PSP° PsCÍPSPsPIC- PrPsCÍP»C-PrP¶PμPSPSCÍ

6 PiPsPrCÍC†PëC... PiP°C†C-C”PSC,C-PI, CÍPeC- PSPμ PiPsPrCÍPIP°P»Pë CÍPIPsC—C...
PrC-C,PμPNë PiC†CÍPrPrC†. P’CÍC,P°PSPsPIP»PμPSP° PrPsP•P° PrP»CÍ PrPëC,PëPSPë P•
C†PjPsP•C†P°C...CÍPSPeCÍ 1 PjPi PSP° 1 PePi PjP°CÍPë C,C-P»P° CÍC,P°PSPsPIPëC,CH
PiC†PëP±P»PëP•PSPs 0,14 % PjP°C,PμC†PëPSCÍCHPePsC— PrPsP•Pë. P’PμP•PiPμPeP°
P•P°CÍC,PsCÍCfPIP°PSPSCÍ PrCÍP»PsPeCÍPμC,PëPSCÍ PrC-C,CÍPj PSPμPIC-PrPsPjP°, C,PsPjCÍ
PiPsPrCÍPIP°PSPSCÍ PiC†PjPrPrC† PiC-Pr C†P°CÍ PiC†PëPNëPsPjCÍ PrCÍP»PsPeCÍPμC,PëPSCÍ
PSPμ C†PμPePsPjPμPSP†CÍC”C,CHCÍCÍ.

PαPμC†C,PëP»CHPSC-CÍC,CH

Pj PrPsCÍP»C-PrP¶PμPSPSCÍC... PSP° C,PIP°C†PëPSP°C... PrCÍP»PsPeCÍPμC,PëPS PSPμ
PIPiP»PëPSCÍPI PSP° C†PsP»PsPIC-C†CÍ C„PμC†C,PëP»CHPSC-CÍC,CH, P° PμC„PμPeC,Pë CÍ
P¶C-PSPsPe PiC†PjPsCÍPIPëP»PëCÍCÍ P»PëC€Pμ CÍ PrPsP•P°C..., C%Ps CÍPiC†PëC†PëPSPëP»Pë
C,PsPeCÍPëC†PSC-CÍC,CH CÍ PjP°C,PμC†C-

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

P”PsCÍP»C—PrP¶PμPSPSCĬ PIPiP»PëPICr PrC†P»PsPeC†PμC,PëPSCr PSP° C€PIPëPrPeC—CÍC,CH CĤPμP°PeC†C— PíCĤPë PePμCĤCáPIP°PSPSC— P°PIC,PsC,CĤP°PSCÍPíPsCĤC,PsPj P°P±Ps C—PSC€PëPjPë PjPμC...P°PSC—P·PjP°PjPë PSPμ PíCĤPμPíP°CĤP°C, P”C†P»PsPeC†PμPSC,P°^B PjPsP¶Pμ PIPëCĬPIP»CĬC,Pë C†PμPrP°C,PëPIPSPëPNē PμC,,PμPeC, C,P° P·P°PíP°PjPsCĤPsC†PμPSPSCĬ. PμP°C†C—PSC,Pë PíPsPIPëPSPSC— P±C†C,Pë PíCĤPsC—PSC,,PsCĤPjPsPIP°PSC— PíCĤPs C,Pμ, C%Ps C† PIPëPíP°PrPeC†, PePsP»Pë PIPsPSPë PIC—PrC†C†PIP°CĤC,CH C†PμPrP°C†C—CĤ P°P±Ps P·P°PíP°PjPsCĤPsC†PμPSPSCĬ, C†P»C—Pr C†C,CĤPëPjC†PIP°C,PëC†CĬ PIC—Pr PíPsC,PμPSC†C—PNēPSPs PSPμP±PμP·PíPμC†PSPëC... PIPëPrC—PI PrC—CĬP»CHPSPsCÍC,C—, C,P°PePëC... CĬPe PePμCĤCáPIP°PSPSCĬ P°PIC,PsC,CĤP°PSCÍPíPsCĤC,PsPj P°P±Ps C—PSC€PëPjPë PjPμC...P°PSC—P·PjP°PjPë.

PŸPíPsCÍC—P± P·P°CÍC,PsCÍCáPIP°PSPSCĬ C,P° PrPsP·Pë.

P”P»CĬ PíPμCĤPμPsCĤP°P»CHPSPsPiPs P·P°CÍC,PsCÍCáPIP°PSPSCĬ

PμCĤPë PIPμP»PëPePsPjCá PrPμPíCĤPμC†PëPIPSPsPjCá CĤPsP·P»P°PrC— PíPsC†P°C,PePsPIP° C,P° CĤPμPePsPjPμPSPPrPsPIP°PSP° PíC—PrC,CĤPëPjC†CĤC†P° PrPsP·P° PrC†P»PsPeC†PμC,PëPSCr CÍC,P°PSPsPIPëC,CH 60 PjPi 1 CĤP°P· PSP° PrPsP±C† PSPμP·P°P»PμP¶PSPs PIC—Pr PíCĤPëPNēPsPjC† C—P¶C—. P”PsP·C†PIP°PSPSCĬ PíPsPSP°Pr 60 PjPi 1 CĤP°P· PSP° PrPsP±C† PjPsP¶C†C,CH P±C†C,Pë PíC—PrPIPëC%PμPSC— PrPs PjP°PeC†PëPjP°P»CHPSPsC— PrPsP·Pë 120 PjPi PSP° PrPsP±C†, CĤPsP·PíPsPrC—P»PμPSPsC— PSP° CĤC—PIPSC— PíCĤPëPNēPsPjPë. PĥPsP¶P»PëPIC—CÍC,CH PíCĤPëP·PSP°C†PμPSPSCĬ PrPsP·Pë PíPsPSP°Pr 120 PjPi C†PëCÍC,PμPjP°C,PëC†PSPs PSPμ PsC†C—PSCĤPIP°P»P°CÍCĬ P· C,PsC†PePë P·PsCĤC† PeP»C—PSC—C†PSPëC... PrP°PSPëC... PĥPrPSP°Pe PSPμPjP°C” PeP»C—PSC—C†PSPëC... PrP°PSPëC... PíCĤPs C,Pμ, C%Ps PrP»CĬ PíP°C†C—C”PSC,C—PI, CĬPeC— PSPμ CĤPμP°PíC†CĤC,CH PSP° PíPsC†P°C,PePsPICr CĤPμPePsPjPμPSPPrPsPIP°PSCr PrPsP·C†, P±C†PrPμ PμC,,PμPeC,PëPIPSPëPj P·P±C—P»CHC€PμPSPSCĬ PrPsP·Pë.

PŸPμCĤP°PíPμPIC,PëC†PSPëPNē PμC,,PμPeC, P»C—PeC†PIP°PSPSCĬ PIPëCĬPIP»CĬC”C,CHC†CĬ PíCĤPsC,CĬPiPsPj 2BĤ“4 C,PëP¶PSC—PI.

PμC—C†P»CĬ CÍC,C—PNēPePsPiPs P°PSC,PëPrPμPíCĤPμC†PëPIPSPsPiPs PμC,,PμPeC,C† CĤPμPePsPjPμPSPPrC†C”C,CHC†CĬ PíCĤPsPrPsPIP¶C†PIP°C,Pë P»C—PeC†PIP°PSPSCĬ PíCĤPsC,CĬPiPsPj PrPμPeC—P»CHPePsC... PjC—CÍCĬC†C—PI PrP»CĬ C†PSPëPePSPμPSPSCĬ CĤPμC†PëPrPëPICr. P”P»CĬ PíP°C†C—C”PSC,C—PI, PePsC,CĤC— CĤPμP°PíC†CĤC,CH PSP° PrC†P»PsPeC†PμC,PëPS C— PjP°CĤC,CH PI P°PSP°PjPSPμP·C— PíPsPIC,PsCĤPSC— PμPíC—P·PsPrPë PIPμP»PëPePsC— PrPμPíCĤPμC†C—, C†P»C—Pr

СҗPsP·PiP»CҗPSCrC, Pë PiPsPrP°P»CHC€Pµ C, CҗPëPIP°P»Pµ P»C-PeCfPIP°PSPSCҗ PI PrPsP·C-60-120 PjPi PSP° PrPsP±Cr.

PµCҗPë PiPµPSPµCҗP°P»C-P·PsPIP°PSPsPjCз C, CҗPëPIPsPҗPSPsPjCз CҗPsP·P»P°PrC-CҗPµPePsPjPµPSPPrPsPIP°PSP° PiPsC±P°C, PePsPIP° PrPsP·P° CҗC, P°PSPsPIPëC, CH 30 PjPi 1 CҗP°P· PSP° PrPsP±Cr PSpµP·P°P»PµPҗPSPs PIC-Pr PiCҗPëPNёPsPjCr C—PҗC-.
PµP°C+C-C”PSC, P°Pj C-P· PSpµPrPsCҗC, P°C, PSC-Pj PµC,, PµPeC, PsPj P»C-PeCfPIP°PSPSCҗ PrPsP·Cf PiPsC, CҗC-P±PSPs P·P±C-P»CHC€PëC, Pë PrPs 60 PjPi, C%Ps C” P·PIPëC±P°PNёPSPsCҗ PiC-PrC, CҗPëPjCrCҗC±PsCҗ PrPsP·PsCҗ PrP»Cҗ P±C-P»CHC€PsCҗC, C- PiP°C+C-C”PSC, C-PI.

P”P»Cҗ PiP°C+C-C”PSC, C-PI C-P· CҗCfPiCfC, PSC-Pj PIPµP»PëPePëPj PrPµPiCҗPµCҗPëPIPSPëPj CҗPsP·P»P°PrPsPj PiPsC±P°C, PePsPIP° C, P° PiC-PrC, CҗPëPjCrCҗC±P° PrPsP·P° CҗC, P°PSPsPIPëC, CH 60 PjPi 1 CҗP°P· PSP° PrPsP±Cr (PrPëPI. C, P°PePsPҗ CҗPµPePsPjPµPSPPrP°C+C— C%PsPrPs PrPsP·CfPIP°PSPSCҗ PIPëC%Pµ).

P”PsP·Pë PrPs 120 PjPi PSP° PrPsP±Cr PIPëCҗPIPëP»PëCҗCҗ PµC,, PµPeC, PëPIPsPëPjPë C-P±CfP»Pë PsC+C-PSPµPSC- P· C, PsC±PePë P·PsCҗCf P±PµP·PiPµPePë PI PeP»C-PSC-C±PSPëC... PrPsCҗP»C-PrPҗPµPSPSCҗC.... PҗPsPjCr PrP»Cҗ PiP°C+C-C”PSC, C-PI C-P· PSpµPrPsCҗC, P°C, PSC-Pj PµC,, PµPeC, PsPj P»C-PeCfPIP°PSPSCҗ PrPsP·Cf 60 PjPi PjPsPҗPSP° CҗPsP·PiP»CҗPSCrC, Pë PjPsPҗP»PëPIC-CҗC, CH P·P±C-P»CHC€PµPSPSCҗ PrPsP·Pë PrPs 90 PjPi P°P±Ps 120 PjPi. P—P±C-P»CHC€PµPSPSCҗ PrPsP·Pë PiPsPIPëPSPSPs T’CҗCfPSC, CfPIP°C, PëCҗCҗ PSP° PeP»C-PSC-C±PSC-PNё PIC-PrPiPsPIC-PrC- C, P° PiPµCҗPµPSPsCҗPëPjPsCҗC, C-.

PµC-CfP»Cҗ PrPsCҗCҗPiPSPµPSPSCҗ CҗC, C-PNёPePsPiPs C, PµCҗP°PiPµPIC, PëC±PSPsPiPs PµC,, PµPeC, Cr CҗPµPePsPjPµPSPPrCfC”C, CHCҗCҗ PiCҗPsPrPsPIPҗPëC, Pë P»C-PeCfPIP°PSPSCҗ PiCҗPsC, CҗPiPsPj PeC-P»CHPePsC... PjC-CҗCҗC+C-PI, C%PsP± CrPSPëPePSCrC, Pë CҗPµC±PëPrPëPICr.

PµCҗPë PrC-P°P±PµC, PëC±PSPsPjCз PiPµCҗPëC,, PµCҗPëC±PSPsPjCз PSpµPNёCҗPsPiP°C, PëC±PSPsPjCз P±PsP»Cҗ PiPsC±P°C, PePsPIP° C, P° CҗPµPePsPjPµPSPPrPsPIP°PSP° PiC-PrC, CҗPëPjCrCҗC±P° PrPsP·P° CҗC, P°PSPsPIPëC, CH 60 PjPi 1 CҗP°P· PSP° PrPsP±Cr, PSpµP·P°P»PµPҗPSPs PIC-Pr PiCҗPëPNёPsPjCr C—PҗC-. P”PsP·Pë, C%Ps PiPµCҗPµPIPëC%CrCҗC, CH 60 PjPi 1 CҗP°P· PSP° PrPsP±Cr, PrPs PjP°PeCfPëPjP°P»CHPSPsC— PrPsP·Pë 120 PjPi PSP° PrPsP±Cr, CҗPsP·PiPsPrC-P»PµPSPsC— PSP° CҗC-PIPSC- PiCҗPëPNёPsPjPë, P±CfP»Pë PsC+C-PSPµPSC- P· C, PsC±PePë P·PsCҗCf P±PµP·PiPµPePë PI PeP»C-PSC-C±PSPëC... PrPsCҗP»C-PrPҗPµPSPSCҗC....
PлPsPSC±PµPSC, CҗP°C+C-Cҗ PrCfP»PsPeCfPµC, PëPSCr Cr PiP»P°P·PjC- PeCҗPsPIC- PjP°C” P·PSP°C±PSCr PjC-PSP»PëPIC-CҗC, CH PjC-Pҗ C-PSPPrPëPIC-PrP°PjPë (PrPëPI. CҗPsP·PrC-P» B«PαP°CҗPjP°PePsPeC-PSPµC, PëPeP°B»). PҗP°PePëPj C±PëPSPsPj, PrPµCҗPeC- PiP°C+C-C”PSC, Pë C-P· PSpµPrPsCҗC, P°C, PSC-Pj PµC,, PµPeC, PsPj P»C-PeCfPIP°PSPSCҗ PrPsP·PsCҗ

60 PjPi PjPsPҗCfC, CH PsC, CҗPëPjP°C, Pë PePsCҗPëCҗC, CH PIC-Pr PIPëC%PsC— PrPsP·Pë.

PҗPµCҗP°PiPµPIC, PëC±PSPëPNё PµC,, PµPeC, P»C-PeCfPIP°PSPSCҗ PiCҗPsCҗPIP»CҗC”C, CHCҗCҗ PiCҗPsC, CҗPiPsPj 2 PjC-CҗCҗC+C-PI. Pj PiP°C+C-C”PSC, C-PI C-P· PSpµP°PrPµPePIP°C, PSPsCҗ PiPsC±P°C, PePsPIPsCҗ CҗPµP°PeC+C-C”Cҗ PrPsPrP°C, PePsPIP° CҗPµP°PeC+C-Cҗ PiC-CfP»Cҗ C±CHPsPiPs PiPµCҗC-PsPrCf PjP°P»PsPNёPjPsPIC-CҗPSP°. PҗPµCҗP°PiPµPIC, PëC±PSPëPNё PµC,, PµPeC, CҗP»C-Pr CҗPµPiCfP»CҗCҗPSPs PiPµCҗPµPsC+C-PSCҗPIP°C, Pë (PiCҗPëPSP°PNёPjPSC-

PePsP¶PSC- 3 PjC-CÍC¼C†C-) (PrPëPI. C¶PsP·PrC-P»
B«PαP°C¶PjP°PePsPrPëPSP°PjC-PeP°B»).

P¶CÍPsP±P»PëPIC- PiC¶CáPiPë PSP°CÍPµP»PµPSPSC¼

*PµP°C†C-C" PSC, Pë P»C-C, PSC¶PsPiPs PIC-PeCá. PµP°C†C-C" PSC, P°Pj P»C-C, PSC¶PsPiPs
PIC-PeCá PSPµ C¶PµPePsPjPµPSPPrC†C" C, C¶CÍC¼ PePsC¶PëPiC†PIP° C, Pë PrPsP·C†
PIPëPSC¼C, PePsPIPs PSP° PsCÍPSPsPIC- PIC-PeCá. P¶PrPSP°Pe, C¼Pe C- PiC¶Pë
P·P°CÍC, PsCÍC†PIP°PSPSC- P±C†PrC¶-C¼PePëC... P»C-PeP°C¶CÍC¶PePëC... P·P°CÍPsP±C-PI,
CÍP»C-Pr P±C†C, Pë PsP±PµC¶PµP¶PSPëPjPë PiC¶Pë P»C-PeC†PIP°PSPSC- PiP°C†C-C" PSC, C-PI
P»C-C, PSC¶PsPiPs PIC-PeCá, PsCÍPsP±P»PëPIPs PiC¶Pë P·P°CÍC, PsCÍC†PIP°PSPSC-
PiC¶PµPiP°C¶P° C, C†P»PsPeCÍPµPSC, P°^{B®} C† PrPsP·C- 120 PjPi PSP° PrPsP±C† PrP»C¼
P»C-PeC†PIP°PSPSC¼ PIPµP»PëPePsPiPs PrPµPiC¶PµCÍPëPIPsPiPs C¶PsP·P»P°PrC† P°P±Ps
PiPµPSPµC¶P°P»C-P·PsPIP°PSPsPiPs C, C¶PëPIPsP¶PSPsPiPs C¶PsP·P»P°PrC†, PrP°PSC-
C%oPsPrPs C¼PePëC... PsP±PjPµP¶PµPSC- (PrPëPI. C¶PsP·PrC-P»Pë
B«P¶CÍPsP±P»PëPIPsCÍC, C- P·P°CÍC, PsCÍC†PIP°PSPSC¼B» C, P°
B«PαP°C¶PjP°PePsPeC-PSPµC, PëPeP°B»).*

PµP°C†C-C" PSC, Pë P· PiPµC†C-PSPePsPIPsC¶ PSPµPrPsCÍC, P° C, PSC-CÍC, C¶.
*PµC¶PµPiP°C¶P° C, P" C†P»PsPeCÍPµPSC, P°^{B®} PSPµ PjPsP¶PSP° PiC¶PëP·PSP°C†P° C, Pë
PiP°C†C-C" PSC, P°Pj C-P· P·P°C... PIPsC¶C¶PIP°PSPSC¼PjPë PiPµC†C-PSPePë, C%oPs
CÍPiC¶PëC†PëPSC¼C¶C, C¶ PiPsC¶C†C¶PµPSPSC¼ C, C†PSPeC†C-C— PiPµC†C-PSPePë (PrPëPI.
C¶PsP·PrC-P»Pë B«PµC¶PsC, PëPiPsPeP°P·P°PSPSC¼B» C, P°
B«PαP°C¶PjP°PePsPeC-PSPµC, PëPeP°B»).*

*PµP°C†C-C" PSC, Pë P· PSPëC¶PePsPIPsC¶ PSPµPrPsCÍC, P° C, PSC-CÍC, C¶. P¶PsC¶PµPeC†C-C¼
PrPsP·Pë PrP»C¼ PiP°C†C-C" PSC, C-PI P·C- CÍP»P°P±PePsC¶ C, P° PiPsPjC-C¶PSPsC¶
PSPëC¶PePsPIPsC¶ PSPµPrPsCÍC, P° C, PSC-CÍC, C¶ PSPµ PiPsC, C¶C-P±PSP° (PeP»C-C¶PµPSCÍ
PeC¶PµP° C, PëPSC-PSC† PIC-Pr 30 PrPs 80 PjP»/C...PI). P" P»C¼ P»C-PeC†PIP°PSPSC¼
PiP°C†C-C" PSC, C-PI C-P· C, PµC¶PjC-PSP°P»C¶PSPsC¶ CÍC, P°PrC-C" C¶ PSPëC¶PePsPIPsC—
PSPµPrPsCÍC, P° C, PSPsCÍC, C- (PeP»C-C¶PµPSCÍ PeC¶PµP° C, PëPSC-PSC† <30 PjP»/C...PI) PSPµ
P·P°CÍC, PsCÍPsPIC†C" C, C¶CÍC¼ (PrPëPI. C¶PsP·PrC-P»
B«PµC¶PsC, PëPiPsPeP°P·P°PSPSC¼B»).*

P" C-C, Pë.

*P" C†P»PsPeCÍPµC, PëPS PSPµ P·P°CÍC, PsCÍPsPIC†PIP° C, Pë PrC-C, C¼Pj C, P° PiC-PrP»C-C, PeP°Pj
PIC-PePsPj PrPs 18 C¶PsPeC-PI PrP»C¼ P»C-PeC†PIP°PSPSC¼ PIPµP»PëPePsPiPs
PrPµPiC¶PµCÍPëPIPsPiPs C¶PsP·P»P°PrC† C†PµC¶PµP· PiC¶PsP±P»PµPjPë P±PµP·PiPµPePë
C, P° PµC, PµPeC, PëPIPsCÍC, C- (PrPëPI. C¶PsP·PrC-P»Pë B«P¶CÍPsP±P»PëPIPsCÍC, C-
P·P°CÍC, PsCÍC†PIP°PSPSC¼B», B«PµPsP±C-C†PSC- C¶PµP°PeC†C-C—B» C, P°
B«PαP°C¶PjP°PePsPrPëPSP°PjC-PeP°B»).*

*P'PµP·PiPµPeP° C, P° PµC, PµPeC, PëPIPsC-CÍC, C¶ PrC†P»PsPeCÍPµC, PëPSC† PrP»C¼
P»C-PeC†PIP°PSPSC¼ PiPµPSPµC¶P°P»C-P·PsPIP°PSPsPiPs C, C¶PëPIPsP¶PSPsPiPs
C¶PsP·P»P°PrC† C† PrC-C, PµP¶ PIC-PePsPj 7-17 C¶PsPeC-PI PSPµ PICÍC, P°PSPsPIP»PµPSC-.
PµPsC, PsC†PSC- PrPsCÍC, C†PiPSC- PrP°PSC- PsPiPëCÍP°PSC- PI C¶PsP·PrC-P»P°C...
B«PµPsP±C-C†PSC- C¶PµP°PeC†C-C—B», B«PαP°C¶PjP°PePsPrPëPSP°PjC-PeP°B» C-
B«PαP°C¶PjP°PePsPeC-PSPµC, PëPeP°B»).*

P'PµP·PiPµPeC† C, P° PµC, PµPeC, PëPIPsC-CÍC, C¶ PrC†P»PsPeCÍPµC, PëPSC† PrP»C¼

P»C-PeCfPIP°PSPSClI PrC-P°P±PμC,PëC±PSPsPiPs PīPμCḡPëC,,PμCḡPëC±PSPsPiPs
PSPμPNëCḡPsPīP°C,PëC±PSPsPiPs P±PsP»Cḡ PSPμ PIPëPIC±P°P»Pë. P°P°PSC- PIC-PrCfCfC,PSC-.

PμCḡPëPīPëPSPμPSPSClI P»C-PeCzPIP°PSPSClI.

PŸP»C-Pr CfPSPëPeP°C,Pë CḡP°PīC,PsPIPpsPiPs PīCḡPëPīPëPSPμPSPSClI P»C-PeCfPIP°PSPSClI.
PμC-CfP»CfI PīCḡPëPīPëPSPμPSPSClI P»C-PeCfPIP°PSPSClI PīCḡPμPīP°CḡP°C,PsPj
P°CfP»PsPeCfPμPSC,P°^B PrPsP·Cf CfP»C-Pr PīPsCfC,CfPīPsPIPps P·PSPëP¶CfPIP°C,Pë
PīCḡPsC,CfPīPsPj PīPμCḡC-PsPrCf C°PsPSP°PNëPjPμPSCëPμ PIC-Pr PsPrPSPsPiPs PrPs
PrPIPps... C,PëP¶PSC-PI, C°PsP± P·PjPμPSCëPëC,Pë CḡPëP·PëPe CḡPμP°PeCfC-PNë
PIC-PrPjC-PSPë (PrPëPI. CḡPsP·PrC-P»Pë B«PhCfPsP±P»PëPIPpsCfC,C-
P·P°CfC,PsCfCfPIP°PSPSClIB» C,P° B«PμPsP±C-C±PSC- CḡPμP°PeCfC-C-B»). PīPeC°Ps
PīC-CfP»CfI P·PSPëP¶PμPSPSClI PrPsP·Pë P°P±Ps PīC-CfP»CfI PīCḡPëPīPëPSPμPSPSClI
P»C-PeCfPIP°PSPSClI PIPëPSPëPeP°CḡC,Ch PSPμCfC,PμCḡPīPSC- CfPëPjPīC,PsPjPë,
PjPsP¶PSP° CḡPsP·PīP»CfIPSCfC,Pë PjPsP¶P»PëPIC-CfC,Ch PIC-PrPSPsPIP»PμPSPSClI
CḡP°PSC-CëPμ PīCḡPëP·PSP°C±PμPSPpsC— PrPsP·Pë. P—PīPsPrPsPj P»C-PeP°Cḡ PjPsP¶Pμ
PīCḡPsPrPsPIP¶CfPIP°C,Pë P·PSPëP¶CfPIP°C,Pë PrPsP·Cf, P°P»Pμ P±C-P»ChCë
PīPsCfC,CfPīPsPIPps.

P°C-C,Pë.

PľP»C-PSC-C±PSC- PrPsCfP»C-PrP¶PμPSPSClI C°PsPrPs P·P°CfC,PsCfCfPIP°PSPSClI
PrCfP»PsPeCfPμC,PëPSCf PrC-C,CfPj PSPμ PīCḡPsPIPpsPrPëP»PëCfCfI, C,PsPjCf
PNëPsPiPs PSPμ P·P°CfC,PsCfPsPICfCḡC,Ch Cf PīPμPrC-P°C,CḡPëC±PSC-PNë
PīCḡP°PeC,PëCfC-.

PμPμCḡPμPrPsP·CzPIP°PSPSClI.

PμPsPIC-PrPsPjP»CfI»Pë PīCḡPs PīCḡPëPNëPsPj PIPμP»PëPePëC... PrPsP· (PrPs 5400
PjPi) PīCḡPμPīP°CḡP°C,Cf CfPe PjPsPSPsC,PμCḡP°PīC-C— P°P±Ps PI
PePsPjP±C-PSP°CfC-C— P· C-PSCëPëPjPë P»C-PeP°CḡCfCḡPePëPjPë
P·P°CfPsP±P°PjPë. P°CfP»Pë PrPμCfPeC- P»PμC,P°P»ChPSC- PIPëPīP°PrPePë, PI
PsCfPSPsPIPpsPjCf PīCḡPë P·PjC-CëP°PSPsPjCf PīPμCḡPμPrPsP·CfPIP°PSPSC-, P°P»Pμ
C,P°PePsP¶ PīCḡPë P·P°CfC,PsCfCfPIP°PSPSC- PrCfP»PsPeCfPμC,PëPSCf
PsPeCḡPμPjPs PI PrPsP·C- PīCḡPëP±P»PëP·PSPs 1000 PjPi. PŸPëPjPīC,PsPjPë
PīPμCḡPμPrPsP·CfPIP°PSPSClI (PrCfP»PsPeCfPμC,PëPS PsPeCḡPμPjPs P°P±Ps PI
PePsPjP±C-PSP°CfC-C— P· C-PSCëPëPjPë PīCḡPμPīP°CḡP°C,P°PjPë) PIPëP»CḡC±P°P»Pë
CfPsPSP»PëPIC-CfC,Ch, PePsPjCf, CfPμCḡPsC,PsPSC-PSPsPIPëPNë CfPëPSPrCḡPsPj,
PμPīC-P»PμPīC,PëC±PSC- PSP°PīP°PrPë, P±P»CḡPIP°PSPSClI C,P°
C,P°C...C-PeP°CḡPrC-Cḡ.

PŸPīPμCfPëC,,C-C±PSC- P°PSC,PëPrPsC,Pë PSPμPIC-PrPsPjC-, PīCḡPë PīPsCfPIC-
CfPμCḡPsC,PsPSC-PSPsPIPpsPiPs CfPëPSPrCḡPsPjCf PSPμPsP±C...C-PrPSPμ
CfPīPμCfPëC,,C-C±PSPμ P»C-PeCfPIP°PSPSClI (CfPëPīCḡPsPiPμPīC,P°PrPëPS C-/P°P±Ps
PePsPSC,CḡPsP»Ch C,PμPjPīPμCḡP°C,CfCḡPë). PkPμPsP±C...C-PrPSPs PīPμCḡPμPIC-CḡPëC,Pë
PīCḡPsC...C-PrPSC-CfC,Ch PrPëC...P°P»ChPSPëC... CëP»CfC...C-PI.
P PμPePsPjPμPSPrCfC°C,ChCfCfI PjPsPSC-C,PsCḡPëPSPi CfPμCḡCfPμPIPpsC—

PrC-CIIP»CHPSPsCfC,C- C,P° PePsPSC,CfPSP»CH PsCfPSPsPIPSPeC... PIPsPeP°P·PSPePeC-PI
P¶PëC,C,C"PrC-CIIP»CHPSPsCfC,C- CfP°P·PsPj C-P· PIC-PrPİPsPIC-PrPSPëPjPë
CfPëPjPİC,PsPjP°C,PëC±PSPëPjPë C- PİC-PrC,CfPëPjCfPIP°P»CHPSPëPjPë P·P°C...PsPrP°PjPë.
PµCfPSPjPëPIP°PSPSCİ C€P»CfPSPeP° PjPsP¶Pµ P±CfC,Pë PrPsCfPµC±PSPëPj, CIIPeC%Ps
P№PsPiPs PİCfPSPsPrPëC,Pë PsPrCfP°P·Cf PİC-CfP»CI PİCfPëP№PsPjCf PİCfPµPİP°CfP°C,Cf
P°P±Ps P· CfPëPjPİC,PsPjP°C,PëC±PSPsCf PjPµC,PsCf. P¶PeC,PëPIPSP°PSPµ PICfPİC-P»P»CI
P·PjPµPSC€CfC" P°P±CfPSCfP±CfC-Cf PİCfPµPİP°CfP°C,Cf. P"CfP»PsPeCfPµC,PëPS PjP°C"
PIPµP»PëPePëP№ PsP±Bf™ C"Pj CfPSP·PİPsPrC-P»Cf Pİ PsCfPİP°PSC-P·PjC-, Cf
P·PİBf™ CIIP·PeCf P· C±PëPj C,,PsCfCfPSPIP°PSPëP№ PrC-CfCfPµP·, PİPµPjPsPİPµCfC,,CfP·C-CI
C,P° PsP±PjC-PSPSP° PİPµCfC,,CfP·C-CI PSP°PICfCİPr C±Pë P±CfPrCfC,CH
PePsCfPëCfPSC-.

PµPsP±C-C±PSC- CfPµP°PeCfC-C-.

PkP°P№C±P°CfC,C-C€PëPjPë PİPsP±C-C±PSPëPjPë CfPµP°PeCfC-CIIPjPë Cf
PİP°CfC-C"PSC,C-PI, CIIPeC- PsC,CfPëPjCfPIP°P»Pë PrCfP»PsPeCfPµC,PëPS, P±CfP»Pë
PSCfPrPsC,P°, PİPsP»PsPIPSPëP№ P±C-P»CH, CfCfC...C-CfC,CH Cf CfPSP,C-,
CfPSP»PëPIC-CfC,CH C,P° P·P°PİP°PjPsCfPSPsC±PµPSPSCİ. P¶PrPSP°Pe
P±C-P»CHC€C-CfC,CH PİPsC€PëCfPµPSPëC... PİPsP±C-C±PSPëC... CfPµP°PeCfC-P№
P±CfP»Pë PIC-Pr P»PµPİPePsPiPs PrPs PİPsPjC-CfPSPsPiPs CfC,CfPİPµPSCİ, PIPSPSPë
P·P°P·PIPëC±P°P№ PİPsC±PëPSP°P»PëCfCİ PSP° PİPsC±P°C,PeCf C,PµCfP°PİC-C—, C-
P±C-P»CHC€C-CfC,CH PjP°P»Pë C,PµPSPPrPµPSCfC-Cf P·PSPëPeP°C,Pë PSP°PIC-C,CH
PİC-CfP»CI PİCfPSPPrPsPIP¶PµPSPSCİ C,PµCfP°PİC-C—.

PJ C,P°P±P»PëCfC- PSP°PIPµPrPµPSPs PİPsP±C-C±PSC- CfPµP°PeCfC-C—, CIIPeC-
CfPİPsCfC,PµCfC-PİP°P»PëCfCİ PİCfPë PİCfPëP№PsPjC- PrCfP»PsPeCfPµC,PëPSCf,
PIC-PrPİPsPIC-PrPSPs PrPs PrP°PSPëC..., PsC,CfPëPjP°PSPëC... P·C- CfPİPsPSC,P°PSPSPëC...
P·PIC-C,C-PI C,P° Cf C...PsPrC- PİP»P°CfPµP±Ps-PePsPSC,CfPSP»CHPsPIP°PSPëC...
PeP»C-PSC-C±PSPëC... PrPsCfP»C-PrP¶PµPSCf.

PhCfC-PSPeP° C±P°CfC,PsC,Pë: PrCfP¶Pµ C±P°CfC,Ps (≥1/10), C±P°CfC,Ps (≥1/100 C,P° <1/10),
PSPµC±P°CfC,Ps (≥1/1000 C,P° <1/100), CfC-PrPePs (≥1/10000 C,P° <1/1000), PrCfP¶Pµ
CfC-PrPePs (<1/10000), PSPµPIC-PrPsPjPs (PSPµPjPsP¶P»PëPIP PsCfC-PSPëC,Pë P·P°
PSP°CIIPSPëPjPë PrP°PSPëPjPë).

PJ PePsP¶PSC-P№ PİCfCfPİC- P·P° C±P°CfC,PsC,PsCf PIPëPSPëPePSPµPSPSCİ
PİPsP±C-C±PSC- CfPµP°PeCfC-C— PİPsPrP°PSPs Cf PİPsCfCİPrPeCf
P·PjPµPSC€PµPSPSCİ PİCfPSPsCIIPIC-PI.

P°CfP¶Pµ C±P°CfC,Ps	PSP°CfC,Ps	PkPµC±P°CfC,Ps	P C-PrPePs	P°CfP¶Pµ CfC-PrPePs	PkPµPIC-PrPsPjPs
PfPSC,,PµPeCfC-C- C,P° C-PSPIP°P·C-C-		P·P°CfPëPSPİC-C..			
P- P±PsPeC± PµPSPPrPsPeCfPëPSPSPsC- CfPëCfC,PµPjPë			P°C-PİPsC,PëCfPµPSP.		
P- P±PsPeC± C-PjC±PSPSPsC- CfPëCfC,PµPjPë			P¶PSP°C,,C-P»P°PeC,PëC±PSC- CfPµP°PeCfC-C—, PİC-PİPµCfCfCfC,P»PëPIC-CfC,CH.		
PµPµC,P°P±PsP»C-C±PSC- CfPSP·P»P°PrPë	P-PSPëP¶PµPSPSCİ P°PİPµC,PeC,Cf.	P°C-PİPµCfPİP»C-PePµPjC-Cİ (PsCfPSP±P»PëPIP Cf PİP°CfC-C"PSC,C-PI C-P· CfCfPeCfPSPİPëPj PrC-P°P±PµC,PsPj).	P°PµPIC-PrCfP°C,P°CfC-Cİ. PİC-PİPsPSP°C,CfC-C"PjC-Cİ. PSPµPrPsCfC,P°C,PSC-CfC,CH P¶P°P°.		
P- P±PsPeC± PİCfPëC...C-PePë					

4 P_μC₇P_s PIPëP_iP°PrPePë P°P_iC₇P_μC₁C-C— C,P° P·P»P_sC₁C,C- P_iP_sP_iC-PrPsP_jP»C₁P»Pë PSP° P_iP_sC₁P°C,PeC_r P»C-PeC_rPIP°PSPSC₁ C,P° P_iC-C₁P»C₁ P_iP_μC₇P_μC₇PëPIP°PSPSC₁ P»C-PeC_rPIP°PSPSC₁.

5 P_μC₇P_s PIPëP_iP°PrPePë C₁C_rC—C₁PëPrP°P»CH_sPSP_sP_iP_s P_jPëC₁P»P_μPSPSC₁ C,P° C₁C_rC—C₁PëPrP°P»CH_sPSP_sC— P_iP_sPIP_μPrC-PSPePë P_iP_sP_iC-PrPsP_jP»C₁P»Pë PSP° P_iP_sC₁P°C,PeC_r P»C-PeC_rPIP°PSPSC₁ C,P° P_sPrC₇P°P·C_r P_iC-C₁P»C₁ P_iP_μC₇P_μC₇PëPIP°PSPSC₁ P»C-PeC_rPIP°PSPSC₁.

6 P°C₁C,P°PSP_sPIP»P_μPSP° C₁P°C₁C,P_sC,P° P_iP_sP±C-C₁PSPëC... C₇P_μP°PeC₁C-PM₆ P· P_iP_sC₁C,P_jP°C₇PeP_μC,PëPSP_iP_sPIPëC... PrPsC₁P»C-PrP_μPSCH_s, C°Ps PSP_μ C₁P_iP_sC₁C,P_μC₇C-PiP°P»PëC₁C₁ C_r P_iP»P°C₁P_μP±Ps-PePsPSC,C₇P_sP»CH_sP_sPIP°PSPëC... PeP»C-PSC-C₁PSPëC... PrPsC₁P»C-PrP_μPSPSC₁C....

7 P_YC,P°C,PëC₁C,PëC₁PSP_s P·PSP°C₁C_rC°P_μ PSP_μ PIC-PrC₇C-P·PSC₁C₇C,CH_sC₁C₁ PIC-Pr P_iP»P°C₁P_μP±Ps.

8 P°PëP_iP°PrPePë P_iP°PrC-PSCH_s P±C_rP»Pë P±C-P»CH_sC₁C,PëP_jPë C_r P_iP°C₁C-C°PSC,C-PI P»C-C,PSCH_sP_sP_iP_s PIC-PeC_r (PIC-PePsP_j ≥ 65 C₇P_sPeC-PI).

9 P°C₁C,P°PSP_sPIP»P_μPSP° C₁P°C₁C,P_sC,P° P_iP_sP±C-C₁PSPëC... C₇P_μP°PeC₁C-PM₆ PSP° P_sC₁PSP_sPIC- PrP°PSPëC... C_rC₁C-C... PeP»C-PSC-C₁PSPëC... PIPëP_iC₇P_sP±C_rPIP°PSCH_s.

10 P°C₁C,P°PSP_sPIP»P_μPSP° C₁P°C₁C,P_sC,P° P_iP_sP±C-C₁PSPëC... C₇P_μP°PeC₁C-PM₆ PSP° P_sC₁PSP_sPIC- PrP°PSPëC... P_iP»P°C₁P_μP±Ps-PePsPSC,C₇P_sP»CH_sP_sPIP°PSPëC... PeP»C-PSC-C₁PSPëC... PIPëP_iC₇P_sP±C_rPIP°PSCH_s.

P_μC₇PëP_iPëPSP_μPSPSC₁ P_iC₇PëPM₆P_sP_jC_r PrC_rP»P_sPeC₁P_μC,PëPSC_r (P_sC₁P_sP±P»PëPIP_s C₇P°P_iC,P_sPIP_μ) P·P°P·PIPëC₁P°PM₆ P_iC₇PëP·PIP_sPrPëC,CH_s PrPs C₁PëP_jP_iC,P_sP_jC-PI PIC-PrP_jC-PSPë. P_kP°PM₆C₁P°C₁C,C-C₁PeP_jPë P_iP_sP±C-C₁PSPëP_jPë C₇P_μP°PeC₁C-C₁P_jPë C_r C,P°PePsP_jC_r PIPëP_iP°PrPeC_r C": P·P°P_iP°P_jP_sC₇P_sC₁P_μPSPSC₁, C₁P_μPSC₁P_sC₇PSC- C₇P_sP·P»P°PrPë (PIPëP»C₇C₁P°C₇C₁Pë P_iP°C₇P_μC₁C,P_μP·C-C₇ P°P±Ps PIC-PrC₁C_rC,C,C₁, C₁C...P_sP_μC- PSP° P_μP»P_μPeC,C₇PëC₁PSPëPM₆ C_rPrP°C₇, P_sC₁P_sP±P»PëPIP_s PI P_iP_sP»P_sPIC-), P_iP_sC₇C_rC₁P_μPSPSC₁ C₁PSC_r (PIPëP»C₇C₁P°C₇C₁Pë P±P_μP·C₁P_sPSPSC₁ C,P° C-PSC,P_μPSC₁PëPIPSC- C₁PSPë), PIC,P_sP_jP°, C₁P_sPSP»PëPIC-C₁C,CH_s, P·P±C_rPrP_μPSPSC₁ P°P±Ps P·P°PSP_μP_iP_sPePsC°PSPSC₁, PSC_rPrPsC,P° C,P°/P°P±Ps P±P»C₇PIP°PSPSC₁, C,C₇P_μP_jP_sC₇, P_iP_sP»P_sPIPSPëPM₆ P±C-P»CH_s, P_jC-P°P»P_iC-C₁, P_iP_sPrC₇P°P·P»PëPIC-C₁C,CH_s, PrC-P°C₇P_μC₁, P_iC-P_iP_μC₇P_iC-PrC₇P_sP· C,P° PIP_μC₇C,PëP_iP_s.

P—P°P·PIPëC₁P°PM₆ PrP»C₁ P_YP₁P—P—P_Y C- P_YP₁P—P—P_YP_k C₁C- C₁PIPëC°P° C" P»P_μP_iPePëP_jPë P°P±Ps P_iP_sP_jC-C₇PSPëP_jPë C,P° C₁P°P_jP_sPePsPSC,C₇P_sP»CH_sP_sPIP°PSPëP_jPë, P_sPrPSP°Pe C_r PrP_μC₁PePëC... P_iP°C₁C-C°PSC,C-PI PIP_sPSPë P_jP_sP_μC_rC,CH_s P±C_rC,Pë PIP°P_μPePëP_jPë C,P°/P°P±Ps C,C₇PëPIP°P»PëP_jPë. P_YP_sP_jC_r C₇P_μPePsP_jP_μPSP_rC_rC"C,CH_sC₁C₁ P_iP_sC₁C,C_rP_iP_sPIP_μ P_iC₇PëP_iPëPSP_μPSPSC₁ C,P_μC₇P°P_iC— P·P° C₇P°C...C_rPSP_sPe C₁PePsC₇P_sC₁P_μPSPSC₁ PrPsP·Pë, C₁PeC°Ps P»C-PeC_rPIP°PSPSC₁ PrC_rP»P_sPeC₁P_μC,PëPSP_sP_j P±C-P»CH_sC₁P_μ PSP_μ P_iP_sC,C₇P_μP±C_rC"C,CH_sC₁C₁ (PrPëPI. C₇P_sP·PrC-P»Pë B«P_YP_iP_sC₁C-P± P·P°C₁C,P_sC₁C_rPIP°PSPSC₁ C,P° PrPsP·PëB» C- B«P_hC₁P_sP±P»PëPIP_sC₁C,C- P·P°C₁C,P_sC₁C_rPIP°PSPSC₁B».

PJ 12-C,PëP_μPSP_μPIC-PM₆ P_iP_sC₁C,C₇C-PM₆ C,,P°P·C- PrPsC₁P»C-PrP_μPSCH_s

PrCfP»PsPeCfPµC,PëPSCr Cr PïP°C†C-C" PSC,C-PI P· PrC-P°P±PµC,PëC±PSPëPj
PSPµPNëCfPSPiP°C,PëC±PSPëPj P±PsP»PµPj CÍPïPsCfC,PµCfC-PiP°P»Pë
PSPµPIPµP»PëPeC-, P°P»Pµ CÍC,P°C,PëCfC,PëC±PSPs P·PSP°C±CrC%oC-
PïC-PrPIPëC%oPµPSPSCf CfC-PI PSCf PïP»CfPePsP·Pë PI PeCfPSPIC- PSP°C,C%oPµ Cr
PïP°C†C-C" PSC,C-PI C-P· P·P°CfC,PSCfCfPIP°PSPSCfPj PrCfP»PsPeCfPµC,PëPSCr.
HbA1c P±CrPI CÍC,P°P±C-P»CHPSPëPj CfPe Cr PïP°C†C-C" PSC,C-PI, CfPeC-
PïCfPëPNëPjP°P»Pë CfPe PrCfP»PsPeCfPµC,PëPS, C,P°Pe C- PïP»P°C†PµP±Ps. Pj
C,,P°P·C- PïCfPSPPrPsPIPµPSPSCf C†PëC... PrPsCfP»C-PrPµPµPSCf, CfPeP°
C,CfPëPIP°P»P° PrPs 52 C,PëPµPSC-PI, CÍPïPsCfC,PµCfC-PiP°P»PsCfCf
P·P±C-P»CHCëPµPSPSCf CfC-PI PSCf HbA1c CfPe Cr PïCfCfPïC-
PrCfP»PsPeCfPµC,PëPSCr, C,P°Pe C- PI PïCfCfPïC- P·PIPëC±P°PNëPSPsPiPs
PrPsPiP»CfPrCf, PsPrPSP°Pe CÍPµCfPµPrPSC" P·P±C-P»CHCëPµPSPSCf Cr
PïCfCfPïC- P»C-PeCfPIP°PSPSCf PrCfP»PsPeCfPµC,PëPSPsPj CÍC,P°PSPsPIPëP»Ps
0,3 %. PÿP°PePsPµ CÍPïPsCfC,PµCfC-PiP°P»PsCfCf PSPµP·PSP°C±PSPµ
P·P±C-P»CHCëPµPSPSCf CfC-PI PSCf PïP»CfPePsP·Pë PI PeCfPSPIC- PSP°C,C%oPµ
C,P° P·P°PïP°P»CHPSPsPiPs C...PsP»PµCfC,PµCfPëPSCr Cr PïP°C†C-C" PSC,C-PI,
CfPeC- P·P°CfC,PSCfPsPICfPIP°P»Pë PrCfP»PsPeCfPµC,PëPS, C,PsPrC- CfPe Cr
C†PëC... P»P°P±PsCfP°C,PSCfPSPëC... PrPsCfP»C-PrPµPµPSPSCfC...
CÍPïPsCfC,PµCfC-PiP°P»PsCfCf PSPµP·PSP°C±PSPµ P·PjPµPSCëPµPSPSCf
PeC-P»CHPePsCfC,C- PïCfCfPï CfPëP·PëPeCf.

P†PSC,PµCfPIP°P» QT P· PePsCfPµPeC†C-C" Cf CÍPµCfC†PµPIPSPiPs CfPëC,PjCr Cr
PïP°C†C-C" PSC,C-PI, CfPeC- PïCfPëPNëPjP°P»Pë PrCfP»PsPeCfPµC,PëPS, PSPµ
PIC-PrCfC-P·PSCfPICfCf PIC-Pr PïP°C†C-C" PSC,C-PI, CfPeC- PïCfPëPNëPjP°P»Pë
PïP»P°C†PµP±Ps. PkC-CfPePëC... PeP»C-PSC-C±PSPs P·PSP°C±CrC%oPëC...
PIC-PrPjC-PSPSPCfC,PµPNë Cr PIPëPjC-CfCfPIP°PSPSCfC... QT, PR, QRS P°P±Ps QTcB PjC-Pµ
PïP°C†C-C" PSC,P°PjPë, CfPeC- PïCfPëPNëPjP°P»Pë PrCfP»PsPeCfPµC,PëPS C,P°
PïP»P°C†PµP±Ps, PSPµ CÍPïPsCfC,PµCfC-PiP°P»PsCfCf.

Pj PeP»C-PSC-C±PSPëC... PrPsCfP»C-PrPµPµPSPSCfC... PrCfP»PsPeCfPµC,PëPSPsPj
P»C-PeCfPIP°P»Pë 509 PïPµPrC-P°C,CfPëC±PSPëC... PïP°C†C-C" PSC,C-PI PIC-PePsPj PIC-Pr 7
PrPs 17 CfPSPeC-PI C-P· PIPµP»PëPePëPj PrPµPïCfPµCfPëPIPSPëPj CfPSP·P»P°PrPsPj C,P° 241
PïPµPrC-P°C,CfPëC±PSPsPiPs PïP°C†C-C" PSC,P° PIC-PePsPj PIC-Pr 7 PrPs

17 CfPSPeC-PI C-P· PïPµPSPµCfP°P»C-P·PsPIP°PSPëPj C,CfPëPIPSPµPSPëPj CfPSP·P»P°PrPsPj.
P—P°PïP°P»PsPj PïCfPSPC,,C-P»CH PïPsP±C-C±PSPëC... CfPµP°PeC†C-PNë
PrCfP»PsPeCfPµC,PëPSCr Cr PrC-C,PµPNë C,P° PïC-PrP»C-C,PeC-PI P±CrPI PïPsPrC-P±PSPëPj
PrPs C,P°PePsPiPs, C%oPs CÍPïPsCfC,PµCfC-PiP°PICfCf Cr PrPsCfPSPCfP»PëC....

P—P°PïP°P»PsPj 467 PïPµPrC-P°C,CfPëC±PSPëC... PïP°C†C-C" PSC,C-PI, CfPeC- P±CrP»Pë
CfP°PSPPrPsPjC-P·PsPIP°PSC- PSP° PrCfP»PsPeCfPµC,PëPS Cr PeP»C-PSC-C±PSPëC...
PrPsCfP»C-PrPµPµPSPSCfC..., P·P°P·PSP°P»Pë P·PSPëPµPSPSCf PjP°CfPë C,C-P»P° PI
CÍPµCfPµPrPSCfPsPjCr PSP° 0,1 PePi P·P° 10 C,PëPµPSC-PI PïPsCfC-PI PSCfPSPs P·
CÍPµCfPµPrPSC-Pj P·P±C-P»CHCëPµPSPSCfPj PSP° 0,9 PePi Cr 353 PïP°C†C-C" PSC,C-PI,
CfPeC- PsC,CfPëPjCrPIP°P»Pë PïP»P°C†PµP±Ps. P—PïPsPrPsPj, PïCfPë
PïCfPSPPrPsPIPµPSPSC- PrPsCfP»C-PrPµPµPSPSCf PïCfPSP,CfPiPsPj C±PsC,PëCfCHPsC....,
CëPµCfC,PëPjC-CfCfC±PSPsPiPs PïPµCfC-PsPrCf, PïP°C†C-C" PSC,Pë PI
CÍPµCfPµPrPSCfPsPjCr PjP°P»Pë C,PµPSPPrPµPSC†C-Cf PrPs PIC-PrPSPsPIP»PµPSPSCf PrPs
PsC±C-PeCfPIP°PSPsPiPs P±P°P·PsPIPSPiPs PïCfPSPC†PµPSC,Cr PjP°CfPë C,C-P»P° PSP°
PsCfPSPsPIC- PrP°PSPëC... PïCfPSP PSP°CfPµP»PµPSPSCf PIC-Pr PsPrPSPsP»C-C,PeC-PI P·P°

PIC- PePsPj C- $\text{C}^{\text{f}}\text{C}, \text{P}^{\circ}\text{C}, \text{C}, \text{C}\bar{\text{H}}$.

PJ PrPsCfP»C-PrP¶PµPSPSC¶C... C, C¶PëPIP°P»C- $\text{C}^{\text{f}}\text{C}, \text{C}\bar{\text{H}}$ PrPs 9 PjC- $\text{C}^{\text{f}}\text{C}¶\text{C}^{\text{f}}\text{C}-\text{PI}$ Cí PrC-C, PµPN₂, C¶PeC- PsC, C¶PëPjCfPIP°P»Pë PrCfP»PsPeCfPµC, PëPS, CíPíPsCfC, PµC¶C-PiP°P»PsCfC¶ P·P°PiP°P»C¶PSPµ P·PSPëP¶PµPSPSC¶ P·C¶PsCfC, Cí PSP° 1 % (P·PjPµPSCëPµPSPSC¶ PSP° 2 % Cí PrC-C, PµPN₂ (7-11 C¶PsPeC-PI) C- P·P±C-P»C¶CëPµPSPSC¶ PSP° 0,3 % Cí PiC-PrP»C-C, PeC-PI (12-17 C¶PsPeC-PI)) (PrPëPI. C¶PsP·PrC-P» B«P¶CfPsP±P»PëPIPsCfC, C- P·P°CfC, PsCfCfPIP°PSPSC¶B»).

PµPsPIC-PrPsPjP»PµPSPSC¶ PiC¶Ps PiC-PrPsP·C¶C¶PIP°PSC- PiPsP±C-C¶PSC- C¶PµP°PeCfC-C-

PµPsPIC-PrPsPjP»PµPSPSC¶ PiC¶Ps PiPsP±C-C¶PSC- C¶PµP°PeCfC-C- PiC-CfP»C¶ C¶PµC”CfC, C¶P°CfC-C- P»C-PeP°C¶CfC¶C¶PePsPiPs P·P°CfPsP±Cf PjP°C” PIP°P¶P»PëPIPµ P·PSP°C¶PµPSPSC¶. P¶Pµ PrP°C” P·PjPsPiCf PiC¶PsPIPsPrPëC, Pë PjPsPSC-C, PsC¶PëPSPi CíPiC-PIPIC-PrPSPsCëPµPSPSC¶ PePsC¶PëCfC, C¶/C¶PëP·PëPe PiC¶Pë P·P°CfC, PsCfCfPIP°PSPSC- C¶C¶PsPiPs P»C-PeP°C¶CfC¶C¶PePsPiPs P·P°CfPsP±Cf. P¶PµPrPëC¶PSPëPj C, P° C, P°C¶PjP°CfPµPIC, PëC¶PSPëPj PiC¶P°CfC-PIPsPëPeP°Pj, P° C, P°PePsP¶ PiP°CfC-C”PSC, P°Pj P°P±Ps C-C... P·P°PePsPSPSPëPj PiC¶PµPrCfC, P°PIPsPëPeP°Pj CíP»C-Pr PiPsPIC-PrPsPjP»C¶C, Pë PiC¶Ps CíCfC- PIPëPiP°PrPePë PiC-PrPsP·C¶C¶PIP°PSPëC... PiPsP±C-C¶PSPëC... C¶PµP°PeCfC-PN₂ C, P° PIC-PrCfCfC, PSPsCfC, C- PµC, PµPeC, PëPIPsCfC, C- P»C-PeP°C¶CfC¶C¶PePsPiPs P·P°CfPsP±Cf C¶PµC¶PµP· P¶PIC, PsPjP°C, PëP·PsPIP°PSCf C-PSC, PsC¶PjP°CfC-PN₂PSCf CíPëCfC, PµPjCf P· C, P°C¶PjP°PePsPSP°PiP»C¶PrCf P·P° PiPsCfPëP»P°PSPSC¶Pj: <https://aisf.dec.gov.ua>.

P¶PµC¶PjC-PS PiC¶PëPrP°C, PSPsCfC, C-. 2 C¶PsPePë.

PjPjPsPIPë P·P±PµC¶C-PiP°PSPSC¶. P-P±PµC¶C-PiP°C, Pë PiC¶Pë C, PµPjPiPµC¶P°C, CíC¶C- PSPµ PIPëC%Pµ 25 B°C PI PsC¶PëPiC-PSP°P»C¶PSC-PN₂ CíPiP°PePsPICfC- PrP»C¶ P·P°C...PëCfC, Cí PIC-Pr PrC-C- PIPsP»PsPiPë.

P-P±PµC¶C-PiP°C, Pë PI PSPµPrPsCfC, CíPiPSPsPjCf PrP»C¶ PrC-C, PµPN₂ PjC-CfCfC-.

PjPiP°PePsPIPëP°. PµPs 10 PeP°PiCfCfP» PePëCëPePsPIPsC¶PsP·C¶PëPSPSPëC... C, PIPµC¶PrPëC... Cí P±P»C-CfC, PµC¶C-; PiPs 3 P°P±Ps 6 P±P»C-CfC, PµC¶C-PI Cí PeP°C¶C, PsPSPSC-PN₂ PePsC¶PsP±CfC-.

P¶P°C, PµPiPsC¶C-C¶ PIC-PrPiCfCfPeCf. P-P° C¶PµCfPµPiC, PsPj.

P°PëC¶PsP±PSPëPe.

