

Р†РќРŸРŸР РЈРЉРјРјРјРј

**РrР»CП РjРµРrРёC±PSPsPiPs Р·Р°CГC,PsCГCГPIP°PSPSCП Р»C-РёР°CГCГCПёРёPsPiPs
Р·Р°CГCР±CГ**

РЉР'РђРќРђР"Р·РЉРŸ

(KVANADEx)

РŸРёР»Р°Рr:

*РrC-CHC±Р° CГРµC±PsPIPёPSP°: РrРµРёCГРjРµРrРµC,PsPjC-РrРёPSCГ
PiC-РrCГPsC...Р»PsCГРёРr;*

1 РjР» РjC-CГC,РёC,CH РrРµРёCГРjРµРrРµC,PsPjC-РrРёPSCГ PiC-РrCГPsC...Р»PsCГРёРr 118
РjРёPi, C%Ps РµРёPIC-PIP°Р»РµPSC,PSPs 100 РjРёPi РrРµРёCГРjРµРrРµC,PsPjC-РrРёPSCГ;

*РrPsPiPsPjC-РPSC- CГРµC±PsPIPёPSPё: PSP°C,CГC-CH C...Р»PsCГРёРr, PIPsРrР° РrР»CП
C-PSBГ™C"РёCГC-Р№.*

**Р»C-РёР°CГCГCПёРёР° C„PsCГРjР°. РЉPsPSCГРµPSC,CГР°C, РrР»CП CГPsР·C±РёPSCГ
РrР»CП C-PSC„CГР·C-Р№.**

*РђCГPSPsPIPSC- C„C-Р·РёРёPs-C...C-РjC-C±PSC- PIP»Р°CГC,РёPIPсCГC,C-:
PiCГPsР·PsCГР°, Р±РµР·Р°Р±Р°CГPIPSP° CГC-РrРёPSP°.*

**Р»Р°CГРjР°РёРёс,РµCГР°РiРµPIC,РёC±PSP° PiCГCГРiР°. РµCГРёC...PsР»РµPiC,РёРёРё.
Р†PSCёC- CГPSPsРrC-Р№PSC- C,Р° CГРµРrР°C,РёPIPSC- Р·Р°CГCР±Рё.**

РЉPsРr РђРŸРГ N05C M18.

Р»Р°CГРjР°РёРёсР»PsPiC-C±PSC- PIP»Р°CГC,РёPIPсCГC,C-

Р»Р°CГРjР°РёРёсРrРёPSP°РjC-РёР°

Р"РµРёCГРjРµРrРµC,PsPjC-РrРёPS C" CГРµР»РµРёC,РёPIPSPёРj Р°PiPsPSC-CГC,PsPj a₂-
CГРµCГРµPiC,PsCГC-PI C-Р· CёРёCГPsРёРёРj CГРiРµРёC,CГPsPj
C„Р°CГРjР°РёРёсР»PsPiC-C±PSPёC... PIP»Р°CГC,РёPIPсCГC,РµР№. Р'C-PS РjР°C"
CГРёРjРiР°C,PsР»C-C,РёC±PSPёР№ РµC„РµРёC, Р·Р°PIPсCГРёРё Р·PSPёРPµPSPSCГ
PIPёPIC-Р»CHPSPµPSPSCП PSPсCГР°РrCГРµPSP°Р»C-PSCГ C-Р· Р·Р°РёC-PSC±РµPSCГ
CГРёРjРiР°C,РёC±PSPёC... PSPµCГPIC-PI. РŸРµРrР°C,РёPIPSC- РµC„РµРёC,Рё
Р·CГРjPsPIP»РµPSC- Р·PSPёРPµPSPёРj Р·Р±CГРrРPµPSPSCПРj Р±Р»Р°РёРёC,PsPсC—
РiР»CПРjРё, PsCГPSPsPIPSPsPiPs PSPсCГР°РrCГРµPSPµCГPiC-C±PSPsPiPs CПРrCГР°, C%Ps

P·PSP°C...PsPrPëC,CHCÍCÍ CÍ CÍC,PsPIP±CÍCÍC- PjPsP·PeCÍ.
P" PµPeCÍPjPµPrPµC,PsPjC-PrPëPS C±PëPSPëC,CH P°PSP°P»PiPµC,PëC±PSCÍ C-
P°PSPµCÍC,PµC,PëPePs/P°PSP°P»PiPµC,PëPePsP·P±PµCÍC-PiP°CÍC±CÍ PrC-C—. P'PíP»PëPI PSP°
CÍPµCÍC±PµPIPs-CÍCÍPrPëPSPSCÍ CÍPëCÍC,PµPjCÍ P·P°P»PµP¶PëC,CH PIC-Pr PrPsP·Pë;
PíCÍPë P±C-P»CHC€ PSPëP·CHPePëC... C€PIPëPrPePsCÍC,CÍC... C-PSC,,CÍP·C-C—
PrPsPjC-PSCÍC" C±PµPSC,CÍP°P»CHPSP° PrC-CÍ, C°Ps P·CÍPjPsPIP»CÍC"
P·PSPëP¶PµPSPSCÍ C±P°CÍC,PsC,Pë CÍPµCÍC±PµP±PëC,C,CÍ C,P°
P°CÍC,PµCÍC-P°P»CHPSPsPiPs C,PëCÍPeCÍ. PµCÍPë P±C-P»CHC€ PIPëCÍPsPePëC...
PrPsP·P°C... PíPµCÍPµPIP°P¶P°CÍC,CH PíPµCÍPëC,,PµCÍPëC±PSC-
CÍCÍPrPëPSPsP·PICÍP¶CÍPIP°P»CHPSC- PµC,,PµPeC,Pë, C°Ps CÍPíCÍPëC±PëPSCÍC"
PíC-PrPIPëC°PµPSPSCÍ CÍPëCÍC,PµPjPSPsPiPs CÍCÍPrPëPSPSPsPiPs PsPíPsCÍCÍ C,P°
P°CÍC,PµCÍC-P°P»CHPSPsPiPs C,PëCÍPeCÍ, C,PsPrC- CÍPe P±CÍP°PrPëPeP°CÍPPrPëC±PSPëPµ
PµC,,PµPeC, CÍC,P°C" P±C-P»CHC€ PIPëCÍP°P¶PµPSPëPj. P" PµPeCÍPjPµPrPµC,PsPjC-PrPëPS
PíCÍP°PeC,PëC±PSPs PSPµ C±PëPSPëC,CH PíCÍPëPiPSC-C±CÍPIP°P»CHPSPsC— PrC-C— PSP°
PrPëC...P°P»CHPSCÍ CÍPëCÍC,PµPjCÍ PíCÍPë P·P°CÍC,PsCÍCÍPIP°PSPSC- CÍPe
PjPsPSPsC,PµCÍP°PíC-C— P·PrPsCÍPsPIPëPj PrPsP±CÍPsPIPsP»CHC±CÍPj.

*CPµPrP°C±C-CÍ PrPsCÍPsCÍP»PëC... PíP°C±C-C" PSC,C-PI, CÍPeC- PíPµCÍPµP±C±PIP°CÍC,CH
C±PIC-PrPrC-P»PµPSPSCÍC... C-PSC,PµPSCÍPëPIPSPsC— C,PµCÍP°PíC-C—*

Pj PíP»P°C±PµP±PsPePsPSC,CÍPsP»CHPsPIP°PSPëC... PrPsCÍP»C-PrP¶PµPSPSCÍC... CÍ
PíP°C±C-C" PSC,C-PI, C°Ps P·PSP°C...PsPrPëP»PëCÍCH CÍ
PíC-CÍP»CÍPsPíPµCÍP°C±C-PµPSPsPjCÍ PIC-PrPrC-P»PµPSPSC- C-PSC,PµPSCÍPëPIPSPsC—
C,PµCÍP°PíC-C—, PíPsPíPµCÍPµPrPSCÍPs C-PSC,CÍP±PsPIP°PSPëC... C,P°
CÍPµPrPsPIP°PSPëC... P·P° PrPsPíPsPjPsPiPsCÍ PjC-PrP°P·PsP»P°PjCÍ P°P±Ps
PíCÍPsPíPsC,,PsP»CÍ, PrPµPeCÍPjPµPrPµC,PsPjC-PrPëPS P·PSP°C±PSPs P·PSPëP¶CÍPIP°PI
PíPsC,CÍPµP±CÍ CÍPe CÍ PrPsPrP°C,PePsPIC-Pµ CÍPµPrP°C±C-C— (PjC-PrP°P·PsP»P°Pj P°P±Ps
PíCÍPsPíPsC,,PsP») C,P°Pe C- PI PsPíC-PsC—PrP°C... PíC-Pr C±P°CÍ CÍPµPrP°C±C-C—
PíCÍPsC,CÍPiPsPj 24 PíPsPrPëPS. P'·C-P»CHC€C-CÍC,CH PíP°C±C-C" PSC,C-PI, CÍPeC-
PsC,CÍPëPjCÍPIP°P»Pë PrPµPeCÍPjPµPrPµC,PsPjC-PrPëPS, PSPµ PíPsC,CÍPµP±CÍPIP°P»Pë
PrPsPrP°C,PePsPIPsPiPs CÍPµPrP°C,PëPIPsPiPs P»C-PeCÍPIP°PSPSCÍ. PµP°C±C-C" PSC,Pë
PjPsPiP»Pë P±CÍC,Pë CÍCÍPíC-C€PSPs PµPeCÍC,CÍP±PsPIP°PSC- P±PµP·
PíCÍPëPíPëPSPµPSPSCÍ C-PSC,,CÍP·C-C— PrPµPeCÍPjPµPrPµC,PsPjC-PrPëPSCÍ.
P"PsCÍP»C-PrP¶PµPSPSCÍ, PíCÍPsPIPµPrPµPSC- P·P° PjPµP¶P°PjPë PIC-PrPrC-P»PµPSPSCÍ
C-PSC,PµPSCÍPëPIPSPsC— C,PµCÍP°PíC-C—, PíC-PrC,PIPµCÍPPrPëP»Pë, C°Ps
PrPµPeCÍPjPµPrPµC,PsPjC-PrPëPS PjPsP¶PSP° P±PµP·PíPµC±PSPs PíPíPsPrPëC,Pë
PíP°C±C-C" PSC,P°Pj P±PµP· C-PSC,CÍP±P°C±C-C— C,CÍP°C...PµC— PíCÍPë
PSP°CÍPIPsCÍC,C- CÍPjPsPI PrP»CÍ P°PrPµPePIP°C,PSPsPiPs PjPsPSC-C,PsCÍPëPSPiCÍ.

P" PµPeCÍPjPµPrPµC,PsPjC-PrPëPS P±CÍPI P°PSP°P»PsPiC-C±PSPëPj PjC-PrP°P·PsP»P°PjCÍ
(CÍPíC-PIPIC-PrPSPsC€PµPSPSCÍ CÍPëP·PëPeC-PI 1,07; 95 % P"Pt [PrPsPIC-CÍC±PëPµ
C-PSC,PµCÍPIP°P»]: 0,971, 1,176) C,P° PíCÍPsPíPsC,,PsP»CÍ (CÍPíC-PIPIC-PrPSPsC€PµPSPSCÍ
CÍPëP·PëPeC-PI 1,00; 95 % P"Pt: 0,922, 1,075) P·P° C±P°CÍPsPj PíPµCÍPµP±CÍPIP°PSPSCÍ CÍ
C±C-P»CHPsPIPsPjCÍ PrC-P°PíP°P·PsPSC- CÍPµPrP°C±C-C— CÍ PíPµCÍPµPIP°P¶PSPs
C,PµCÍP°PíPµPIC,PëC±PSPëC... PíP°C±C-C" PSC,C-PI PIC-PrPrC-P»PµPSPSCÍ
C-PSC,PµPSCÍPëPIPSPsC— C,PµCÍP°PíC-C—, CÍPeC- PíPsC,CÍPµP±CÍPIP°P»Pë
C,CÍPëPIP°P»PsC— CÍPµPrP°C±C-C— PIC-Pr P»PµPiPePsC— PrPs PíPsPjC-CÍPSPsC—
C-PSC,PµPSCÍPëPIPSPsCÍC,C- (RASS PIC-Pr 0 PrPs бÍ"3) PrPs 14 PrPSC-PI;
CÍPePsCÍPsC±CÍPIP°PI C,CÍPëPIP°P»C-CÍC,CH C€C,CÍC±PSPsC— PIPµPSC,PëP»CÍC±C-C—
P»PµPiPµPSCÍ (PëP'P) PíPsCÍC-PIPsCÍPSPs P· PjC-PrP°P·PsP»P°PjPsPj C-
CÍPePsCÍPsC±CÍPIP°PI C±P°CÍ PrPs PµPeCÍC,CÍP±P°C±C-C— C,CÍP°C...PµC—

PīPsCḥC-PIPSCḥPSPs P· PjC-PrP°P·PsP»P°PjPsPj C,P° PīCḥPsPīPsC,,PsP»PsPj.
 PμPsCḥC-PIPSCḥPSPs P· PīCḥPsPīPsC,,PsP»PsPj C- PjC-PrP°P·PsP»P°PjPsPj, PīP°C†C-C"°PSC,Pē
 P»PμPīCēPμ PīCḥPsPēPēPrP°P»PēC†Cḥ, PeCḥP°C%Pμ C†PīC-PIPīCḥP°C†CḥPIP°P»Pē P·
 PjPμPrPēC†PSPēPj PīPμCḥC†PsPSP°P»PsPj C- PeCḥP°C%Pμ PjPsPīP»Pē PīPsPIC-PrPsPjPēC,Pē,
 C†Pē PIC-PrC†C†PIP°CḥC,Ch PIPsPSPē P±C-P»Ch. Pj PīP°C†C-C"°PSC,C-PI, CḥPeC-
 PsC,CḥPēPjC†PIP°P»Pē PrPμPeC†PjPμPrPμC,PsPjC-PrPēPS, C†P°C†C,C-CēPμ
 PIC-PrP·PSP°C†P°P»PēC†Cḥ P°CḥC,PμCḥC-P°P»ChPSP° PīC-PīPsC,PμPSP·C-Cḥ C-
 P±CḥP°PrPēPeP°CḥPrC-Cḥ, P°P»Pμ CḥC-PrCēPμ C,P°C...C-PeP°CḥPrC-Cḥ,
 PīPsCḥC-PIPSCḥPSPs P· PīP°C†C-C"°PSC,P°PjPē, CḥPeC- PsC,CḥPēPjC†PIP°P»Pē
 PjC-PrP°P·PsP»P°Pj, C,P° C†P°C†C,C-CēPμ CḥPsP·PIPēPIP°P»P°C†Cḥ
 C,P°C...C-PeP°CḥPrC-Cḥ, P°P»Pμ C†P°C†C,PsC,P° CḥPsP·PIPēC,PeC†
 P°CḥC,PμCḥC-P°P»ChPSPsC— PīC-PīPsC,PμPSP·C-C— P±C†P»P° C†C...PsP¶P°
 PīPsCḥC-PIPSCḥPSPs P· PīP°C†C-C"°PSC,P°PjPē, CḥPeC- PsC,CḥPēPjC†PIP°P»Pē
 PīCḥPsPīPsC,,PsP». PhC†C-PSCḥPIP°PSPSCḥ P·P° CēPeP°P»PsCḥ PḥPμC,PsPrC†
 PsC†C-PSPePē C†PīP»C†C,P°PSPsC†C,C- C†PIC-PrPsPjPsC†C,C- C†
 PIC-PrPrC-P»PμPSPSC- C-PSC,PμPSC†PēPIPSPsC— C,PμCḥP°PīC-C— (CAM-ICU)
 P·P°C†PIC-PrC†PēP»Ps, C%Ps C†P°C†C,PsC,P° CḥPsP·PIPēC,PeC† PrPμP»C-CḥC-Cḥ C†
 PīP°C†C-C"°PSC,C-PI, CḥPeC- PsC,CḥPēPjC†PIP°P»Pē PrPμPeC†PjPμPrPμC,PsPjC-PrPēPS,
 P±C†P»P° PSPēP¶C†PsCḥ PīPsCḥC-PIPSCḥPSPs P· PjC-PrP°P·PsP»P°PjPsPj, P°
 PSPμP±P°P¶P°PSC- CḥPIPēC%P°, PīPsPībḥ™ CḥP·P°PSC- P· PrPμP»C-CḥC-C"°Pj,
 CḥPsP·PIPēPIP°P»PēC†Cḥ CḥC-PrCēPμ Pī PīCḥC†PīC-
 PrPμPeC†PjPμPrPμC,PsPjC-PrPēPSC† PīPsCḥC-PIPSCḥPSPs P· PīCḥPsPīPsC,,PsP»PsPj.
 PŷC- PīP°C†C-C"°PSC,Pē, CḥPePēPj PīCḥPēPīPēPSPēP»Pē C†PμPrP°C†C-Cḥ C†PμCḥPμP·
 PSPμPrPsC†C,P°C,PSC-PNē C—C— CḥC-PIPμPSCḥ, P±C†P»Pē PīPμCḥPμPIPμPrPμPSC-
 PSP° PīCḥPsPīPsC,,PsP» P°P±Ps PjC-PrP°P·PsP»P°Pj. P PēP·PēPe
 PSPμPrPsC†C,P°C,PSCḥPsPīPs CḥC-PIPSCḥ C†PμPrP°C†C-C— P±C†PI PIPēC%PēPNē C†
 PīP°C†C-C"°PSC,C-PI, CḥPePēC... P±C†P»Ps PIP°P¶PePs PIPμC†C,Pē Pī C†C,P°PS
 C†PμPrP°C†C-C— C†C,P°PSPrP°CḥC,PSPēPjPē PjPμC,PsPrP°PjPē
 P±PμP·PīPsC†PμCḥPμPrPSCḥPs PīPμCḥPμPr PīPμCḥPμC...PsPrPsPj PSP° C-PSCēPēPNē
 PjPμC,PsPr.

P"°PsPeP°P·Pē PμC,,PμPeC,PēPIPSPsC†C,C- C† PīPμPrC-P°C,CḥPēC†PSC-PNē PīCḥC†PīC-
 P±C†P»Pē PsC,CḥPēPjP°PSC- Pī PrPsC†P»C-PrP¶PμPSPSC- P· PePsPSC,CḥPsP»PμPj PrPsP·Pē,
 PīCḥPsPIPμPrPμPSPsPjC† C† PIC-PrPrC-P»PμPSPSC- C-PSC,PμPSC†PēPIPSPsC—
 C,PμCḥP°PīC-C— C†PμCḥPμPr PIPμP»PēPePsC— PīCḥC†PīPē
 PīC-C†P»CḥPsPīPμCḥP°C†C-PNēPSPēC... PīP°C†C-C"°PSC,C-PI PIC-PePsPj PIC-Pr 1
 PjC-C†CḥC†Cḥ PrPs ≤ 17 CḥPsPeC-PI. PμCḥPēP±P»PēP·PSPs 50 % PīP°C†C-C"°PSC,C-PI, CḥPeC-
 PsC,CḥPēPjC†PIP°P»Pē PrPμPeC†PjPμPrPμC,PsPjC-PrPēPS, PSPμ PīPsC,CḥPμP±C†PIP°P»Pē
 PrPsPrP°C,PePsPIPSC— C†PμPrP°C†C-C— P·P° PrPsPīPsPjPsPīPsCḥ PjC-PrP°P·PsP»P°PjC† PīC-Pr
 C†P°C† PīPμCḥC-PsPrC† P»C-PeC†PIP°PSPSCḥ, CḥPePμ C,CḥPēPIP°P»Ps Pī
 C†PμCḥPμPrPSCḥPsPjC† 20,3 PīPsPrPēPSPē C,P° PSPμ PīPμCḥPμPIPēC%C†PIP°P»Ps 24
 PīPsPrPēPS. P"°PSC- C%PsPrPs P»C-PeC†PIP°PSPSCḥ P»C-PeP°CḥC†CḥPePēPj
 P·P°C†PsP±PsPj PīPsPSP°Pr 24 PīPsPrPēPS PSPμPrPsC†C,C†PīPSC-. P"°PSC- C%PsPrPs
 PSPsPIPSP°CḥPsPrP¶PμPSPēC... PrC-C,PμPNē (28bḥ"44 C,PēP¶PSC- PīPμC†C,P°C†C-C—)
 PsP±PjPμP¶PμPSC- C- C†C,PsC†C†CḥC,ChC†Cḥ P»PēCēPμ PSPēP·ChPePēC... PrPsP·
 (≤ 0,2 PjPePi/PePi/PiPsPr) (PrPēPI. CḥPsP·PrC-P»Pē B«PαP°CḥPjP°PePsPeC-PSPμC,PēPeP°B»,
 B«PhC†PsP±P»PēPIPSC†C,C- P·P°C†C,PsC†C†PIP°PSPSCḥB»). PkPsPIPSPSP°CḥPsPrP¶PμPSC-
 PjPsP¶C†C,Ch P±C†C,Pē PsC†PsP±P»PēPIPSC C†C†C,P»PēPIC- PrPs
 P±CḥP°PrPēPeP°CḥPrPēC†PSPēC... PμC,,PμPeC,C-PI PrPμPeC†PjPμPrPμC,PsPjC-PrPēPSC†

PiC₇P₆ PSP°C₁PIPS₅Sc₁C-, C- PiC-PiPsC, P₁CH₇PjC-C- C- PI C₁PjPsPIP°C..., PePsP»P₆
C₁P₁CH₇C₁P₁PIP₆PN₆ C₇P₆C, Pj P·P°P»P₁P₁PeC, CH₇ PIC-Pr C₁P₁CH₇C₁P₁PIPsPiPs PIP₆PeP₆PrC₁.

Pj PiPsPrPIC-PN₆PSPs C₁P»C-PiP₆C... PiP»P°C₁P₁P±PsPePsPSC, C₇PsP»CH₇PsPIP°PSP₆C...
PrPsC₁P»C-PrP₁PIPS₅Sc₁C..., PiC₇PsPIP₁PrP₁PSP₆C... C₁ PIC-PrPrC-P»P₁PSPSC₁C...
C-PSC, P₁PSC₁P₆PIPS₅C- C, P₁CH₇P°PiC-C-, C₁P°C₁C, PsC, P° C₁C₁PiC₇P₁C₁C-C-
PePsC₇C, P₆P·PsP»C₁ C₁ PiP°C₁C-C°PSC, C-PI, C₁PeC- PsC, C₇P₆PjC₁PIP°P»P₆
PrP₁PeC₁PjP₁PrP₁C, PsPjC-PrP₆PS (n = 778), C₁C, P°PSPsPIP₆P»P° 0,5 % PiPsC₇C-PIPSC₁PS₅ P·
0 % C₁ PiP°C₁C-C°PSC, C-PI, C₁PeC- PsC, C₇P₆PjC₁PIP°P»P₆ PjC-PrP°P·PsP»P°Pj (n = 338),
P°P±Ps PiC₇PsPiPsC,, PsP» (n = 275). PiP₁ PSP₁P±P°P₁P°PSP₁ C₁PIP₆C%P₁ P±C₁P»Ps
P·P°C,, C-PeC₁PsPIP°PSP₁ C₁Pe P»P₁PiPeP₁ PI 1 PIP₆PiP°PrPeC₁ C, P° C₁P₁CH₇P₁PrPSC₇PsC-
C, C₁PI₁PePsC₁C, C- б₇“ C₁ 3 PIP₆PiP°PrPeP°C....

P₁CH₇PsC₁P₁PrC₁C₇PSP° C₁P₁PrP°C₁C-C₁ / C₁P₁PrP°C₁C-C₁ C₁ C₁PIC-PrPsPjPsC₁C, C-

P°P₁P·PiP₁PeC₁ C, P° P₁C,, P₁PeC, P₆PIPS₅C-C₁C, CH₇ PrP₁PeC₁PjP₁PrP₁C, PsPjC-PrP₆PS₅C₁ PrP»C₁
C₁P₁PrP°C₁C-C- PiP°C₁C-C°PSC, C-PI, C₁PeP₆Pj PSP₁ PiC₇PsPIPsPrP₆P»P₆
C-PSC, C₁P±P°C₁C-C₇, PrPs C-/P°P±Ps PiC-Pr C₁P°C₁ C...C-C₇C₁C₇PiC-C₁PSP₆C... C-
PrC-P°PiPSPsC₁C, P₆C₁PSP₆C... PiC₇PsC₁P₁PrC₁C₇ PsC₁C-PSC₇PIP°P»P₆ C₁ PrPIPsC...
C₇P°PSP₁PsPjC-P·PsPIP°PSP₆C... PiPsPrPIC-PN₆PSPs C₁P»C-PiP₆C...
PiP»P°C₁P₁P±PsPePsPSC, C₇PsP»CH₇PsPIP°PSP₆C... P±P°PiP°C, PsC₁P₁PSC, C₇PsPIP₆C...
PeP»C-PSC-C₁PSP₆C... PrPsC₁P»C-PrP₁PIPS₅Sc₁C....

Pj PrPsC₁P»C-PrP₁PIPS₅Sc- 1 C₇P°PSP₁PsPjC-P·C₁PIP°P»P₆ PiP°C₁C-C°PSC, C-PI, C₁PeC-
PiC₇PsC...PsPrP₆P»P₆ PiP»P°PSPsPIC- C...C-C₇C₁C₇PiC-C₁PSC-
PsPiP₁CH₇P°C₁C-C-/PiC₇PsC₁P₁PrC₁C₇P₆ PiC-Pr PePsPSC, C₇PsP»CH₇PsPIP°PSPsC₇
P°PSP₁C₁C, P₁P·C-C°C₇ C- P»PsPeP°P»CH₇PSPsC₇/C₇P₁PiC-PsPSP°C₇PSPsC₇
P°PSP₁C₁C, P₁P·C-C°C₇, PrP»C₁ PsC, C₇P₆PjP°PSPSC₁ PSP°PIP°PSC, P°P₁C₁PIP°P»CH₇PSPsC-
C-PSC,, C₁P·C-C- PrP₁PeC₁PjP₁PrP₁C, PsPjC-PrP₆PS₅C₁ 1 PjPePi/PePi (n = 129) P°P±Ps 0,5
PjPePi/PePi (n = 134) P°P±Ps PiP»P°C₁P₁P±Ps (C,, C-P·C-PsP»PsPiC-C₁PSP₆PN₆ C₇PsP·C₁P₆PS; n =
63) PIPiC₇PsPrPsPIP₁ 10 C...PIP₆P»P₆PS, PiC-C₁P»C₁ C₁PsPiPs PiC₇PsPIPsPrP₆P»P₆
PiC-PrC, C₇P₆PjC₁PIP°P»CH₇PS₅C₁ C-PSC,, C₁P·C-C₇, C₁PeP° PiPsC₁P₆PS₅P»P°C₁C₁ P· PrPsP·P₆
0,6 PjPePi/PePi/PiPsPr.

P°PsP·C₁ PiC-PrC, C₇P₆PjC₁PIP°P»CH₇PSPsC- C-PSC,, C₁P·C-C- PrPsC₁P»C-PrP₁C₁PIP°PSPsPiPs
P»C-PeP°C₇C₁CH₇PePsPiPs P·P°C₁PsP±C₁ C, P₆C, C₇C₁PIP°P»P₆ PIC-Pr 0,2 PjPePi/PePi/PiPsPr
PrPs 1 PjPePi/PePi/PiPsPr. P₅P°C₁C, PeP° PiP°C₁C-C°PSC, C-PI, C₁PeC- PrPsC₁C₁PIP₁P»P₆
C₁C-P»CH₇PsPIPsPiPs C₇C-PIPSC₁ C₁P₁PrP°C₁C-C- (≤ 4 P·P° C₁PeP°P»PsC₇ PsC₁C-PSP₆P₆
P°PeC, P₆PIPS₅Sc₁C, C- C- C₁P₁PrP°C₁C-C-) P±P₁P· PiPsC, C₇P₁P±P₆ PrPsPrP°C, PePsPIPsPiPs
PIPIP₁PrP₁PSPSC₁ PrPsP·P₆ PjC-PrP°P·PsP»P°PjC₁, C₁C, P°PSPsPIP₆P»P° 54 % C₁ PiC₇C₁PiC-
P·P°C₁C, PsC₁C₁PIP°PSPSC₁ PrP₁PeC₁PjP₁PrP₁C, PsPjC-PrP₆PS₅C₁ C₁ PrPsP·C- 1 PjPePi/PePi C-
40 % C₁ PiC₇C₁PiC- P·P°C₁C, PsC₁C₁PIP°PSPSC₁ PrP₁PeC₁PjP₁PrP₁C, PsPjC-PrP₆PS₅C₁ C₁
PrPsP·C- 0,5 PjPePi/PePi PiPsC₇C-PIPSC₁PS₅ P· 3 % C₁ PiC₇C₁PiC- PiP»P°C₁P₁P±Ps.
P°C-PrPjC-PSPSC-C₁C, CH₇ C₇P₆P·P₆PeC-PI C₁ PeC-P»CH₇PePsC₁C, C- PiP°C₁C-C°PSC, C-PI,
C₇P°PSP₁PsPjC-P·PsPIP°PSP₆C... PrPs PiC₇C₁PiP₆ P·P°C₁C, PsC₁C₁PIP°PSPSC₁
PrP₁PeC₁PjP₁PrP₁C, PsPjC-PrP₆PS₅C₁ PI PrPsP·P°C... 1 PjPePi/PePi C- 0,5 PjPePi/PePi, C₁PeC-
PSP₁ PiPsC, C₇P₁P±C₁PIP°P»P₆ PrPsPrP°C, PePsPIPsPiPs PIPIP₁PrP₁PSPSC₁
PjC-PrP°P·PsP»P°PjC₁, C₁C, P°PSPsPIP₆P»P° 48 % (95 % P°P₁: 37б₇“57 %) C- 40 % (95 % P°P₁:
28б₇“48 %) PIC-PrPiPsPIC-PrPSPs PiPsC₇C-PIPSC₁PS₅ P· PiP»P°C₁P₁P±Ps. P₇P₁PrC-P°PSP°
(PrC-P°PiP°P·PsPS) PrPsP·P₆ PjC-PrP°P·PsP»P°PjC₁, PIPIP₁PrP₁PSPsC- PrPsPrP°C, PePsPIPs,
C₁C, P°PSPsPIP₆P»P° 1,5 (0,5б₇“7,0) PjPi C₁ PiC₇C₁PiC- PrP₁PeC₁PjP₁PrP₁C, PsPjC-PrP₆PS₅C₁ 1,0
PjPePi/PePi, 2,0 (0,5б₇“8,0) PjPi C₁ PiC₇C₁PiC- PrP₁PeC₁PjP₁PrP₁C, PsPjC-PrP₆PS₅C₁

0,5 PjPePi/PePi C- 4,0 (0,5вґ“14,0) PjPi Cr PiCґCrґPiC- PґP»P°CґPµP±Ps. P C-P·PSPёCґCґ CґPµCґPµPrPSC-C... P·PSP°CґPµPSPCH PrPsP·Pё PjC-PrP°P·PsP»P°PjCr Cr PiCґCrґPiP°C... PrPµPeCґPjPµPrPµC,PsPjC-PrPёPSCr 1 PjPePi/PePi C- 0,5 PjPePi/PePi PґPsCґC-PIPSCґPSPs P· PґP»P°CґPµP±Ps P±CґP»P° вґ“3,1 PjPi (95 % P”Pґ: вґ“3,8, вґ“2,5) C- вґ“2,7 PjPi (95 % P”Pґ: вґ“3,3, вґ“2,1) PIC-PrPґPsPIC-PrPSPs PSP° PePsCґPёCґC,CH PrPµPeCґPjPµPrPµC,PsPjC-PrPёPSCr. PґPµCґPµPrPSC-PNё CґP°Cґ PrPs PrPsPrP°C,PePsPIPсPiPs PIPµPrPµPSPSCґ PґPµCґCёPsC— PrPsP·Pё PjC-PrP°P·PsP»P°PjCr CґC,P°PSPsPIPёPI 114 C...PIPёP»PёPS Cr PiCґCrґPiC- PrPµPeCґPjPµPrPµC,PsPjC-PrPёPSCr 1,0 PjPePi/PePi, 40 C...PIPёP»PёPS Cr PiCґCrґPiC- PrPµPeCґPjPµPrPµC,PsPjC-PrPёPSCr 0,5 PjPePi/PePi C- 20 C...PIPёP»PёPS Cr PiCґCrґPiC- PґP»P°CґPµP±Ps.

Pj PrPsCґP»C-PrPґPµPSPSC- 2 CґP°PSPPrPsPjC-P·CґPIP°P»Pё PґP°CґC-C”PSC,C-PI, CґPePёPj PiCґPsPIPсPrPёP»Pё C,,C-P±CґPsPsPiC,PёCґPSCr C-PSC,CґP±P°CґC-CH C,CґP°C...PµC— Cr CґPIC-PrPsPjPsCґC,C- PґCґPё PjC-CґCґPµPIC-PNё P°PSPµCґC,PµP·C-C— PrP»Cґ PsC,CґPёPjCrPIP°PSPSCґ PSP°PIP°PSC,P°PґCґPIP°P»CHPSPсC— C-PSC,,CґP·C-C— PrPµPeCґPjPµPrPµC,PsPjC-PrPёPSCr Cr PrPsP·C- 1 PjPePi/PePi (n = 55) P°P±Ps PґP»P°CґPµP±Ps (C,,C-P·C-PsP»PsPiC-CґPSPёPNё CґPsP·CґPёPS) (n = 50) PIPґCґPsPrPsPIPґ 10 C...PIPёP»PёPS P· PґPsPrP°P»CHCёPsCH C,,C-PeCґPsPIP°PSPсCH PґC-PrC,CґPёPjCrPIP°P»CHPSPсCH C-PSC,,CґP·C-C”CH Cr PrPsP·C- 0,7 PjPePi/PePi/PiPsPr. P”P»Cґ PiC-PrC,CґPёPjP°PSPSCґ CґC-PIPSCґ ≥ 2 P·P° CёPeP°P»PsCH CґPµPrP°CґC— P P°PjCґPµCґ 53 % PґP°CґC-C”PSC,P°Pj, CґPePёPj P·P°CґC,PsCґPsPICrPIP°P»Pё PrPµPeCґPjPµPrPµC,PsPjC-PrPёPS, PSPµ P·PSP°PrPsP±PёP»PsCґCґ PrPsPrP°C,PePsPIPµ PIPµPrPµPSPSCґ PjC-PrP°P·PsP»P°PjCr PґPsCґC-PIPSCґPSPs P· 14 % PґP°CґC-C”PSC,C-PI Cr PiCґCrґPiC- PґP»P°CґPµP±Ps. P°C-PrPjC-PSPSC-CґC,CH CґPёP·PёPeC-PI Cr PeC-P»CHPePsCґC,C- PґP°CґC-C”PSC,C-PI, CґP°PSPPrPsPjC-P·PsPIP°PSPёC... PrPs PiCґCrґPiPё PrPµPeCґPjPµPrPµC,PsPjC-PrPёPSCr, CґPeC- PSPµ PґPsC,CґPµP±CґPIP°P»Pё PrPsPrP°C,PePsPIPсPiPs PIPµPrPµPSPSCґ PjC-PrP°P·PsP»P°PjCr, CґC,P°PSPsPIPёP»P° 43 % (95 % P”Pґ: 23вґ“57 %) PґPsCґC-PIPSCґPSPs P· PґP»P°CґPµP±Ps. PґPµCґPµPrPSCґ PrPsP·P° PjC-PrP°P·PsP»P°PjCr CґC,P°PSPsPIPёP»P° 1,1 PjPi Cr PiCґCrґPiC- PrPµPeCґPjPµPrPµC,PsPjC-PrPёPSCr C- 2,8 PjPi Cr PiCґCrґPiC- PґP»P°CґPµP±Ps. P C-P·PSPёCґCґ Cr CґPµCґPµPrPSC-C... P·PSP°CґPµPSPSCґC... PrPsP·Pё PjC-PrP°P·PsP»P°PjCr PrP»Cґ PrPsPrP°C,PePsPIPсPiPs PIPµPrPµPSPSCґ CґC,P°PSPsPIPёP»P° вґ“1,8 PjPi (95 % P”Pґ: вґ“2,7 вґ“0,86) PSP° PePsCґPёCґC,CH PrPµPeCґPjPµPrPµC,PsPjC-PrPёPSCr.

PαP°CґPjP°PePsPeC-PSPµC,PёPeP°

PαP°CґPjP°PePsPeC-PSPµC,PёPeCґ PrPµPeCґPjPµPrPµC,PsPjC-PrPёPSCr PsCґC-PSCґPIP°P»Pё PґC-CґP»Cґ PePsCґPsC,PePsC,CґPёPIP°P»PsPiPs PIPSCrC,CґC-CёPSCґPsPIPµPSPSPсPiPs P·P°CґC,PsCґCґPIP°PSPSCґ P·PrPsCґPsPIPёPj PrPsP±CґPsPIPсP»CHCґCґPj C,P° PґC-CґP»Cґ PrPsPIPсC,CґPёPIP°P»PsC— C-PSC,,CґP·C-C— PґP°CґC-C”PSC,P°Pj Cr PIC-PrPrC-P»PµPSPSC- C-PSC,PµPSCґPёPIPSPсC— C,PµCґP°PґC-C—.

P PsP·PґPsPrC-P»

P”PµPeCґPjPµPrPµC,PsPjC-PrPёPS PrPµPjPsPSCґC,CґCrC” PrPIPсPePsPjPґPsPSPµPSC,PSCr PjPsPrPµP»CH CґPsP·PґPsPrC-P»Cґ. Pj P·PrPsCґPsPIPёC... PrPsP±CґPsPIPсP»CHCґC-PI CґPiPsCґC,PµCґC-PiP°C”C,CHCґCґ CёPIPёPrPeP° C,,P°P·P° CґPsP·PґPsPrC-P»Cґ P· CґPµCґPµPrPSC-Pj PIPµCґC-PsPrPsPj PSP°PiC-PICґPsP·PґPsPrC-P»Cґ ($t_{1/2\alpha}$) PґCґPёP±P»PёP·PSPs 6 C...PIPёP»PёPS. PґPµCґPµPrPSC-PNё PґPµCґC-PsPr

PSP°PīC-PIPIPēPIPμPrPμPSPSCl Ć C,PμCḡPjC-PSP°P»CHPSC-PNē C,,P°P·C- (t_{1/2})
 ĆC,P°PSPsPIPēC,CH PiCḡPēP±P»PēP·PSPs 1,9Bḡ“2,5 PiPsPrPēPSPē (PjC-PSC-PjP°P»CHPSPs
 Bḡ“ 1,35 PiPsPrPēPSPē, PjP°PeĆPēPjP°P»CHPSPs Bḡ“ 3,68 PiPsPrPēPSPē), P°
 ĆPμCḡPμPrPSC-PNē CḡC-PIPSsPIP°PḡPSPēPNē PsP±Bḡ™C”Pj CḡPsP·PiPsPrC-P»Ć (Vss) Bḡ“
 PiCḡPēP±P»PēP·PSPs 1,16Bḡ“2,16 P»/PePi (PIC-Pr 90 PrPs 151 P»C-C,CḡP°).
 PŸPμCḡPμPrPSC-PNē PiP»P°P·PjPsPIPēPNē PeP»C-CḡPμPSCl (Cl) ĆC,P°PSPsPIPēP»P°
 PiCḡPēP±P»PēP·PSPs PIC-Pr 0,46 PrPs 0,73 P»/PiPsPr/PePi (35,7Bḡ“51,1 P»/PiPsPr).
 PŸPμCḡPμPrPSCl PjP°ĆP° C,C-P»P° PiP°C†C-C”PSC,C-PI, PSP° PsĆPSPsPIC- CḡPePsC—
 P±ĆP»Pē CḡPsP·CḡP°C...PsPIP°PSC- Vss C,P° Cl, PrPsCḡC-PIPSCHPIP°P»P° 69 PePi.
 PμP»P°P·PjPsPIP° C,,P°CḡPjP°PePsPeC-PSPμC,PēPeP° PrPμPeĆPjPμPrPμC,PsPjC-PrPēPSCl Ć
 PiP°C†C-C”PSC,C-PI PIC-PrPrC-P»PμPSPSCl C-PSC,PμPSClPēPIPSPsC— C,PμCḡP°PiC-C— C”
 PiPsPrC-P±PSPsCḡ PiC-ĆP»Cḡ C-PSC,,ĆP·C-C— > 24 PiPsPrPēPS. P PsP·CḡP°C...ĆPSPePsPIC-
 C,,P°CḡPjP°PePsPeC-PSPμC,PēC†PSC- PiP°CḡP°PjPμC,CḡPē C” C,P°PePēPjPē: t_{1/2} Bḡ“
 PiCḡPēP±P»PēP·PSPs 1,5 PiPsPrPēPSPē, Vss Bḡ“
 PiCḡPēP±P»PēP·PSPs 93 P»C-C,CḡPē C,P° Cl Bḡ“ PiCḡPēP±P»PēP·PSPs 43 P»/PiPsPr.
 PαP°CḡPjP°PePsPeC-PSPμC,PēPeP° PrPμPeĆPjPμPrPμC,PsPjC-PrPēPSCl C” P»C-PSC-PNēPSPsCḡ
 Ć PrC-P°PiP°P·PsPSC- PrPsP· 0,2Bḡ“1,4 PjPePi/PePi/PiPsPr, PIC-PS PSPμ
 PeĆPjĆP»CḡC”C,CHĆCḡ PiCḡPē P»C-PeĆPIP°PSPSC- C,CḡPēPIP°P»C-ĆC,Cḡ PrPs 14
 PrPSC-PI. P”PμPeĆPjPμPrPμC,PsPjC-PrPēPS PSP° 94 % P·PiBḡ™CḡP·ĆC”C,CHĆCḡ P·
 P±C-P»PeP°PjPē PiP»P°P·PjPē PeCḡPsPIC-. P—PiBḡ™CḡP·ĆPIP°PSPSCl P· P±C-P»PeP°PjPē
 PiP»P°P·PjPē PeCḡPsPIC- C” PSPμP·PjC-PSPSPēPj Ć PrC-P°PiP°P·PsPSC-
 PePsPSC†PμPSC,CḡP°C†C-C—
 0,85Bḡ“85 PSPI/PjP». P”PμPeĆPjPμPrPμC,PsPjC-PrPēPS P·PiBḡ™CḡP·ĆC”C,CHĆCḡ C-P·
 ĆPēCḡPsPIP°C,PePsPIPēPj P°P»CHP±ĆPjC-PSPsPj P»CḡPrPēPSPē C,P°
 a₁-PePēĆP»PēPj PiP»C-PePsPiCḡPsC,PμC—PSPsPj, PiCḡPēC†PsPjĆ ĆPēCḡPsPIP°C,PePsPIPēPNē
 P°P»CHP±ĆPjC-PS C” PsĆPSPsPIPSPēPj P±C-P»PePsPj P·PiBḡ™CḡP·ĆPIP°PSPSCl
 PrPμPeĆPjPμPrPμC,PsPjC-PrPēPSCl Ć PiP»P°P·PjC- PeCḡPsPIC-.

PḡPμC,P°P±PsP»C-P·Pj C,P° PIPēPIPμPrPμPSPSCl

P”PμPeĆPjPμPrPμC,PsPjC-PrPēPS C-PSC,PμPSClPēPIPSPs PjPμC,P°P±PsP»C-P·ĆC”C,CHĆCḡ
 PI PiPμC†C-PSC†C-. P†ĆPSClC” C,CḡPē C,PēPiPē PiPsC†P°C,PePsPIPēC...
 PjPμC,P°P±PsP»C-C†PSPēC... CḡPμP°PeC†C-PNē: PiCḡCḡPjP° N-
 PiP»CḡPeĆCḡPsPSC-PrP°C†C-Cḡ, PiCḡCḡPjPμ N-PjPμC,PēP»ĆPIP°PSPSCl C,P°
 PsPePēĆP»PμPSPSCl, PeP°C,P°P»C-P·PsPIP°PSC- C†PēC,PsC...CḡPsPjPsPj P450.
 PkP°PNēP±C-P»CHCē PiPsCēPeCḡPμPSPēPjPē PjPμC,P°P±PsP»C-C,P°PjPē
 PrPμPeĆPjPμPrPμC,PsPjC-PrPēPSCl PI PeCḡPsPIPsP±C-PiĆ C” PrPIP° C-P·PsPjPμCḡPSPēC...
 N-PiP»CḡPeĆCḡPsPSC-PrPē. PḡPμC,P°P±PsP»C-C, H-1 (N-PjPμC,PēP»-
 3-PiC-PrCḡPsPeĆPēPjPμC,PēP»PrPμPeĆPjPμPrPμC,PsPjC-PrPēPSCl O-PiP»CḡPeĆCḡPsPSC-Pr)
 C,P°PePsPḡ C” PsPrPSPēPj P· PsĆPSPsPIPSPēC... PiCḡPsPrĆPeC,C-PI
 P±C-PsC,CḡP°PSClC,,PsCḡPjP°C†C-C— PrPμPeĆPjPμPrPμC,PsPjC-PrPēPSCl.
 PiPēC,PsC...CḡPsPj P450 PeP°C,P°P»C-P·ĆC” ĆC,PIPsCḡPμPSPSCl PrPIPsC...
 PrCḡĆPiPsCḡCḡPrPSPēC... C†PēCḡPeĆP»CḡCḡC†PēC... PjPμC,P°P±PsP»C-C,C-PI: 3-
 PiC-PrCḡPsPeĆPēPjPμC,PēP»PrPμPeĆPjPμPrPμC,PsPjC-PrPēPS Bḡ“
 ĆC,PIPsCḡCḡC”C,CHĆCḡ CēP»CḡC...PsPj PiC-PrCḡPsPeĆPēP»CḡPIP°PSPSCl 3-
 PjPμC,PēP»CHPSPsC— PiCḡĆPiPē PrPμPeĆPjPμPrPμC,PsPjC-PrPēPSCl C- H-3 Bḡ“
 ĆC,PIPsCḡCḡC”C,CHĆCḡ P·P° CḡP°C...ĆPSPsPe PsPePēĆP»PμPSPSCl
 C-PjC-PrP°P·PsP»CHPSPsPiPs PeC-P»CHC†Cḡ. PkP°CḡPIPS- PrP°PSC- ĆPIC-PrC†P°C,CH,
 C%oPs ĆC,PIPsCḡPμPSPSCl PsPePēĆP»PμPSPēC... PjPμC,P°P±PsP»C-C,C-PI
 PsPiPsĆPμCḡPμPrPePsPIClC”C,CHĆCḡ PeC-P»CHPePsPjP° C-P·PsC,,PsCḡPjP°PjPē
 C†PēC,PsC...CḡPsPjĆ P450 (CYP2A6, CYP1A2, CYP2E1, CYP2D6 C- CYP2C19). PiC-

PjPμC,P°P±PsP»C-C,Pë PSPμ PjP°CΉC,CH CÍCÍC,C,C"PIPsC—
C,,P°CΉPjP°PePsP»PsPiC-C±PSPsC— P°PeC,PëPIPsPsCÍC,C-.

PμC-CÍP»CΠ PIPSCÍC,CΉC-C€PSCΉPsPIPμPSPSPsPiPs P·P°CÍC,PsCÍCÍPIP°PSPSCΠ
CΉP°PrC-PsPjC-C±PμPSPsPiPs PrPμPeCÍPjPμPrPμC,PsPjC-PrPëPSCÍ C±PμCΉPμP· 9 PrPSC-PI CÍ
CÍPμCΉPμPrPSCΉPsPjCÍ 95 % CΉP°PrC-PsP°PeC,PëPIPsPsCÍC,C- PIPëCΠIP»CΠP»PsCÍCΠ PI
CÍPμC±C- C,P° 4 % BΉ“ CÍ C,,PμPeP°P»C-CΠC.... PhCÍPSPsPIPsPëPjPë
PjPμC,P°P±PsP»C-C,P°PjPë PI CÍPμC±C- C" PrPIP° C-P·PsPjPμCΉPSPëC... N-
PiP»CΉPeCÍCΉPsPSC-PrPë, CΠPeC- CΉP°P·PsPj CÍC,P°PSPsPIP»CΠC,CH PíCΉPëP±P»PëP·PSPs
34 % PIPIPμPrPμPSPsC— PrPsP·Pë, C,P° N-PjPμC,PëP»-3-
PiC-PrCΉPsPeCÍPëPjPμC,PëP»PrPμPeCÍPjPμPrPμC,PsPjC-PrPëPSCÍ O-
PiP»CΉPeCÍCΉPsPSC-Pr, C°Ps CÍC,P°PSPsPIPëC,CH 14,51 % PrPsP·Pë.
P"CΉCÍPiPsCΉCΠPrPSC- PjPμC,P°P±PsP»C-C,Pë PeP°CΉP±PsPSPsPIPsC— PePëCÍP»PsC,Pë, 3-
PiC-PrCΉPsPeCÍPë- C,P° O-PiP»CΉPeCÍCΉPsPSC-PrPSC- PjPμC,P°P±PsP»C-C,Pë PsPeCΉPμPjPs
CÍC,P°PSPsPIP»CΠC,CH 1,11BΉ“7,66 % PrPsP·Pë. PμPμPSC€Pμ 1 % PSPμP·PjC-PSPμPSPsC—
PrC-CΉC±PsC— CΉPμC±PsPIPëPSPë PIPëCΠIP»CΠP»PsCÍCΠ PI CÍPμC±C-.
PμCΉPëP±P»PëP·PSPs 28 % PjPμC,P°P±PsP»C-C,C-PI, PIPëCΠIP»PμPSPëC... CÍ CÍPμC±C-, C"
PSPμC-PrPμPSC,PëC,,C-PePsPIP°PSPëPjPë PrCΉCÍPiPsCΉCΠPrPSPëPjPë
PjPμC,P°P±PsP»C-C,P°PjPë.

PhCÍPsP±P»PëPIC- PíPsPíCÍP»CΠC±C-C—

P—PSP°C±PSC- PIC-PrPjC-PSPPSPsCÍC,C- C,,P°CΉPjP°PePsPeC-PSPμC,PëPePë
PrPμPeCÍPjPμPrPμC,PsPjC-PrPëPSCÍ CÍ PíP°C±C-C"PSC,C-PI CΉC-P·PSPsPiPs PIC-PeCÍ C,P°
CÍC,P°C,C- PSPμ P±CÍP»Pë PIC-PrP·PSP°C±PμPSC-.

P—PIBΉ™ CΠP·CÍPIP°PSPSCΠ PrPμPeCÍPjPμPrPμC,PsPjC-PrPëPSCÍ P· P±C-P»PeP°PjPë
PíP»P°P·PjPë PeCΉPsPIC- C" P·PSPëPμPSPëPj PI PsCÍC-P± P· PíPsCΉCÍC€PμPSPSCΠPj
C,,CÍPSPeC±C-C— PíPμC±C-PSPePë PíPsCΉC-PIPsCΠPSPs P·C- P·PrPsCΉPsPIPëPjPë
PrPsP±CΉPsPIPsP»CHC±CΠPjPë. PΉPμCΉPμPrPSC-PNë PIC-PrCÍPsC,PsPe
PSPμP·PIBΉ™ CΠP·P°PSPsPiPs PrPμPeCÍPjPμPrPμC,PsPjC-PrPëPSCÍ CÍ PiP»P°P·PjC- PeCΉPsPIC-
CÍC,P°PSPsPIPëPI PIC-Pr 8,5 % CÍ P·PrPsCΉPsPIPëC... PrPsP±CΉPsPIPsP»CHC±C-PI PrPs 17,9 %
CÍ PíP°C±C-C"PSC,C-PI C-P· C,CΠPμPePëPj PíPsCΉCÍC€PμPSPSCΠPj C,,CÍPSPeC±C-C—
PíPμC±C-PSPePë. PμP°C±C-C"PSC,Pë P· CΉC-P·PSPëPj CÍC,CÍPíPμPSPμPj PíPsCΉCÍC€PμPSPSCΠ
C,,CÍPSPeC±C-C— PíPμC±C-PSPePë (PeP»P°CÍ A, B P°P±Ps C P·P° C€PeP°P»PsCΉ P\$P°PNëP»PrP°
BΉ“ PμBΉ™ CΉ) PjP°P»Pë P·PSPëPμPSPëPNë PíPμC±C-PSPePsPIPëPNë PeP»C-CΉPμPSCÍ
PrPμPeCÍPjPμPrPμC,PsPjC-PrPëPSCÍ C,P° PíPsPrPsPIPμPSPëPNë PíPμCΉC-PsPr
PSP°PíC-PIPIPëPIPμPrPμPSPSCΠ P· PíP»P°P·PjPë PeCΉPsPIC- (t_{1/2}). PΉPμCΉPμPrPSC-
P·PSP°C±PμPSPSCΠ PíP»P°P·PjPsPIPsPiPs PeP»C-CΉPμPSCÍCÍ PSPμP·PIBΉ™ CΠP·P°PSPsPiPs
PrPμPeCÍPjPμPrPμC,PsPjC-PrPëPSCÍ CÍ PíP°C±C-C"PSC,C-PI P· P»PμPiPePëPj, PíPsPjC-CΉPSPëPj
C,P° C,CΠPμPePëPj CÍC,CÍPíPμPSPμPj PíPμC±C-PSPePsPIPsC— PSPμPrPsCÍC,P°C,PSPsCÍC,C-
CÍC,P°PSPsPIPëP»P° 59 %, 51 % C,P° 32 % PIC-Pr PíPsPeP°P·PSPëPeC-PI CÍ P·PrPsCΉPsPIPëC...
PrPsP±CΉPsPIPsP»CHC±C-PI. PΉPμCΉPμPrPSC-PNë t_{1/2} CÍ PíP°C±C-C"PSC,C-PI P· P»PμPiPePëPj,
PíPsPjC-CΉPSPëPj C,P° C,CΠPμPePëPj CÍC,CÍPíPμPSPμPj PíPμC±C-PSPePsPIPsC—
PSPμPrPsCÍC,P°C,PSPsCÍC,C- P±CÍPI PíPsPrPsPIPμPSPëPj PIC-PrPíPsPIC-PrPSPs PrPs 3,9, 5,4
C,P° 7,4 PíPsPrPëPSPë PIC-PrPíPsPIC-PrPSPs. PÍPsC±P° PrPsP·P°
PrPμPeCÍPjPμPrPμC,PsPjC-PrPëPSCÍ PIPëP·PSP°C±P°C"C,CHCÍCΠ P·P° CÍC,CÍPíPμPSPμPj
CÍPμPrP°C,PëPIPsPsPiPs PμC,,PμPeC,CÍ, CÍP»C-Pr CΉPsP·PiP»CΠPSCÍC,Pë
PrPsC±C-P»CHPSC-CÍC,CH P·PSPëPμPSPSCΠ PíPsC±P°C,PePsPIPsC— P°P±Ps
PíC-PrC,CΉPëPjCÍCΉC±PsC— PrPsP·Pë P»C-PeP°CΉCÍCHPePsPiPs P·P°CÍPsP±CÍ PrP»CΠ
PíP°C±C-C"PSC,C-PI P· PíPsCΉCÍC€PμPSPSCΠPj C,,CÍPSPeC±C-C— PíPμC±C-PSPePë

P·P°P»PμP¶PSPs PIC-Pr CÍC,CrPíPμPSCÍ PíPsCĤCrC€PμPSPSCÍ C,P° PeP»C-PSC-C‡PSPsC— PIC-PrPíPsPIC-PrC-.

PαP°CĤPjP°PePsPeC-PSPμC,PëPeP° PrPμPeCÍPjPμPrPμC,PsPjC-PrPëPSCr Cr PíP°C†C-C”PSC,C-PI P· C,CÍP¶PePëPj PíPsCĤCrC€PμPSPSCÍPj C,,CrPSPeC†C-C— PSPëCĤPsPe (PeP»C-CĤPμPSCÍ PeCĤPμP°C,PëPSC-PSCr < 30 PjP»/C...PI) PSPμ PIC-PrCĤC-P·PSCÍC”C,CHCÍCÍ PIC-Pr C,P°PePsC— PI PsCÍC-P± P±PμP· PíPsCĤCrC€PμPSCĤ C,,CrPSPeC†C-C— PSPëCĤPsPe.

P”P°PSC- C%PsPrPs PSPsPIPsPSP°CĤPsPrP¶PμPSPëC... (PSP°CĤPsPrP¶PμPSPëC... PSP° 28-44 C,PëP¶PSC- PiPμCÍC,P°C†C-C—) C,P° PrC-C,PμPNë PrPs 17 CĤPsPeC-PI PsP±PjPμP¶PμPSC-. PμPμCĤC-PsPr PSP°PíC-PIPIPëPIPμPrPμPSPSCÍ PrPμPeCÍPjPμPrPμC,PsPjC-PrPëPSCr Cr PrC-C,PμPNë (PIC-Pr 1 PjC-CÍCÍC†CÍ PrPs 17 CĤPsPeC-PI), PSPμ PIC-PrCĤC-P·PSCÍC”C,CHCÍCÍ PIC-Pr PíPsPeP°P·PSPëPeC-PI Cr PrPsCĤPsCÍP»PëC..., P°P»Pμ Cr PSPsPIPsPSP°CĤPsPrP¶PμPSPëC... (PrPs 1 PjC-CÍCÍC†CÍ) PIC-PS, PNëPjPsPIC-CĤPSPs, C” C,CĤPëPIP°P»C-C€PëPj. Pj PIC-PePsPIPëC... PiCĤCrPíP°C... PIC-Pr 1 PjC-CÍCÍC†CÍ PrPs 6 CĤPsPeC-PI CÍPePsCĤPëPiPsPIP°PSPëPNë PIC-PrPíPsPIC-PrPSPs PrPs PjP°CÍPë C,C-P»P° PíP»P°P·PjPsPIPëPNë PeP»C-CĤPμPSCÍ P±CrPI PIPëC%PëPj, P°P»Pμ P·PSPëP¶CrPIP°PICÍCÍ Cr PrC-C,PμPNë CÍC,P°CĤC€PsPiPs PIC-PeCr. Pj PSPsPIPsPSP°CĤPsPrP¶PμPSPëC... PrC-C,PμPNë (PIC-PePsPj PrPs 1 PjC-CÍCÍC†CÍ) CÍPePsCĤPëPiPsPIP°PSPëPNë PIC-PrPíPsPIC-PrPSPs PrPs PjP°CÍPë C,C-P»P° PíP»P°P·PjPsPIPëPNë PeP»C-CĤPμPSCÍ P±CrPI PSPëP¶C‡PëPj (0,9 P»/PiPsPr/PePi), PSC-P¶ Cr CÍC,P°CĤC€PëC... PIC-PePsPIPëC... PiCĤCrPíP°C... PIPSP°CÍP»C-PrPsPe PSPμP·CĤC-P»PsCÍC,C-.

PκP°CÍPIPSC- PrP°PSC- PíCĤPμPrCÍC,P°PIP»PμPSC- Cr C,P°P±P»PëC†C- PSPëP¶C‡Pμ:

P’C-Pe	N	PŸPμCĤPμPrPSC” P·PSP°C‡PμPSPSCÍ (95 % P”P†)	
		Cl (P»/PiPsPr/PePi)	t _{1/2} (PiPsPr)
P”Ps 1 PjC-CÍCÍC†CÍ	28	0,93 (0,76, 1,14)	4,47 (3,81, 5,25)
P’C-Pr 1 PrPs 6 PjC-CÍCÍC†C-PI	14	1,21(0,99, 1,48)	2,05 (1,59, 2,65)
P’C-Pr 6 PrPs 12 PjC-CÍCÍC†C-PI	15	1,11 (0,94, 1,31)	2,01 (1,81, 2,22)
P’C-Pr 12 PrPs 24 PjC-CÍCÍC†C-PI	13	1,06 (0,87, 1,29)	1,97 (1,62, 2,39)
P’C-Pr 2 PrPs 6 CĤPsPeC-PI	26	1,11 (1,00, 1,23)	1,75 (1,57, 1,96)
P’C-Pr 6 PrPs 17 CĤPsPeC-PI	28	0,80 (0,69, 0,92)	2,03 (1,78, 2,31)

PљP»C-PSC-C‡PSC- C...P°CĤP°PeC,PμCĤPëCÍC,PëPePë

PμPsPeP°P·P°PSPSCÍ

P”P»CÍ CÍPμPrP°C†C-C— PrPsCĤPsCÍP»PëC... PíP°C†C-C”PSC,C-PI Cr PIC-PrPrC-P»PμPSPSCÍC... P°PSPμCÍC,PμP·C-PsP»PsPiC-C—, CĤPμP°PSC-PjP°C†C-C— C,P° C-PSC,PμPSCÍPëPIPSsC— C,PμCĤP°PíC-C— (P’PĥP P†PŸ), CÍPeC- PíPsC,CĤPμP±CrCĤC,CH

PꝰP°CḡPjP°PePsPeC-PSPµC,PëC‡PSPëC... PIP·P°C”PjPsPrC-PNë PjC-P¶
PrPµPeCíPjPµPrPµC,PsPjC-PrPëPSPsPj C,P° C-P·PsC,,P»CíCḡP°PSPsPj, PiCḡPsPiPsC,,PsP»PsPj,
P°P»CHbC,,PµPSC,P°PSC-P»PsPj C- PjC-PrP°P·PsP»P°PjPsPj PSPµ
CíPiPsCíC,PµCḡC-PiP°P»PsCíCµ. PḡCḡPsC,Pµ C‡PµCḡPµP· PjPsP¶P»PëPIC-
C,,P°CḡPjP°PePsPrPëPSP°PjC-C‡PSC- PIP·P°C”PjPsPrC-C— PiCḡPë P·P°CíC,PsCíCíPIP°PSPSC-
C,P°PePëC... P·P°CíPsP±C-PI Cí PePsPjP±C-PSP°C‡C-C— P·
PrPµPeCíPjPµPrPµC,PsPjC-PrPëPSPsPj PjPsP¶Pµ P±CíC,Pë PSPµPsP±C...C-PrPSPëPj
P·PSPëP¶PµPSPSCµ PrPsP·Pë PrPµPeCíPjPµPrPµC,PsPjC-PrPëPSCí P°P±Ps
CíCíPiCíC,PSCHbPsPiPs P°PSPµCíC,PµC,PëPeP°, CíPµPrP°C,PëPIPSPsPiPs,

СІПСПсПрС-П№ПСПсPiPs P·P°СІПсP±Ср P°P±Ps PsPiC-PsC—PrСр.

PJ PrPsСІП»C-PrP¶PµPSPSC¶C... P·PIPëPePsСґPëСІС, P°PSPSC¶Pj PjC-PeСґPsСІПсPj PiPµC±C-PSPePë P»СґPrPëPSPë PIPëPIC±P°P»Pë P·PrP°C, PSC-СІС, Сґ PrPµPeСІПjPµPrPµC, PsPjC-PrPëPSCр C-PSPiC-P±СрPIP°C, Pë C-P·PsC,, PµСґPjPµPSC, Pë CYP, PIPeP»СґC±PSPs P·C-P·PsC,, PµСґPjPµPSC, PsPj CYP2B6. P—PiC-PrPSPs PrPsСІП»C-PrP¶PµPSPSC¶C *in vitro* C-СІПСрС” PiPsC, PµPSC±C-P°P» PIP·P°C”PjPsPrC-C— *in vivo* PjC-P¶ PrPµPeСІПjPµPrPµC, PsPjC-PrPëPSPsPj C- СІСрP±СІС, СґP°C, P°PjPë, С¶PeC- PjPµC, P°P±PsP»C-P·СрСґC, СґСІС¶ PiPµСґPµPIP°P¶PSPs P·СрC±P°СІС, Сґ CYP2B6. C-СІСрP±СІС, СґP°C, P°PjPë (PiPsP»PsPIPSPëPj C±PëPSPsPj C-P·PsC,, PµСґPjPµPSC, PsPj CYP2B6).

P†PSPPrСрPeСрPIP°PSPSC¶C PrPµPeСІПjPµPrPµC, PsPjC-PrPëPSCр C-P·PsC,, PµСґPjPµPSC, P°PjPë CYP1A2, CYP2B6, CYP2C8, CYP2C9 C- CYP3A4 СІPiPsСІС, PµСґC-PiP°P»PsСІС¶C *in vitro*, C, PsPjСр PSPµ PIPëPeP»СґC±PµPSP° P№PjPsPIC-СґPSC-СІС, Сґ C, P°PePsC— PIP·P°C”PjPsPrC-C— *in vivo*. P»P»C-PSC-C±PSPµ P·PSP°C±PµPSPSC¶C PSPµPIC-PrPsPjPµ.

PŸP»C-Pr PICґP°C...PsPICрPIP°C, Pë PjPsP¶P»PëPIC-СІС, Сґ PiPsСІПëP»PµPSPSC¶C PiC-PiPsC, PµPSP·PëPIPSPëC... C, P° P±СґP°PrPëPeP°СґPrPëC±PSPëC... PµC,, PµPeC, C-PI Ср PiP°C±C-C”PSC, C-PI, С¶PeC- PsC, СґPëPjСрСґC, Сґ C-PSC€C- P»C-PeP°СґСІСґPeC- P·P°СІПсP±Pë, C°Ps СІPiСґPëC±PëPSC¶CґC, Сґ C, P°PeC- PµC,, PµPeC, Pë, PSP°PiСґPëPeP»P°Pr

β-P°PrСґPµPSPsP±P»PsPeP°C, PsСґPë (C...PsC±P° PrPsPrP°C, PePsPIC- PµC,, PµPeC, Pë Ср PrPsСІП»C-PrP¶PµPSPSC- PIP·P°C”PjPsPrC-C— C-P· P·P°СІС, PsСІСрPIP°PSPSC¶C PµСІПjPsP»PsP»Ср P±СрP»Pë PiPsPjC-СґPSPëPjPë).

PґСІПсP±P»PëPIPsСІС, C- P·P°СІС, PsСІС±PIP°PSPSC¶C

PґPsPSC-C, PsСґPëPSPi

P»PIP°PSP°PrPµPeСІ PiСґPëP·PSP°C±PµPSPëP№ PrP»C¶ P·P°СІС, PsСІСрPIP°PSPSC¶C PI СрPjPsPIP°C... C-PSC, PµPSCІПëPIPSPsC— C, PµСґP°PiC-C—, PI PsPiPµСґP°C±C-P№PSPëC... C, P° PiC-Pr C±P°СІ PiСґPsPIPµPrPµPSPSC¶C PrC-P°PiPSPsСІС, PëC±PSPëC... PiСґPsC±PµPrСрСґ, P№PsPiPs P·P°СІС, PsСІСрPIP°PSPSC¶C PI C-PSC€PëC... СрPjPsPIP°C... PSPµ СґPµPePsPjPµPSPPrСрC”C, СґСІС¶. PµC-Pr C±P°СІ C-PSC,, СрP·C-C— P»C-PeP°СґСІСґPePsPiPs P·P°СІПсP±Ср PiPsPIPëPSPµPS P·PrC-P№СІПСґPIP°C, PëСІС¶ P±PµP·PiPµСґPµСґPIPSPëP№ PjPsPSC-C, PsСґPëPSPi СІPµСґC±PµPIPsC— PrC-С¶P»СґPSPsСІС, C-. PJ PiP°C±C-C”PSC, C-PI, С¶PePëPj PSPµ PiСґPsPIPµPrPµPSP° C-PSC, СрP±P°C±C-С¶, PiPsPIPëPSPµPS P·PrC-P№СІПСґPIP°C, PëСІС¶ PjPsPSC-C, PsСґPëPSPi PrPëC...P°PSPSC¶C C±PµСґPµP· СґPëP·PëPe PiСґPëPiPSC-C±PµPSPSC¶C PrPëC...P°PSPSC¶C C- Ср PrPµС¶PePëC... PIPëPiP°PrPeP°C... вґ” СґPsP·PIPëC, PeСр P°PiPSPsPµ (PrPëPI. СґPsP·PrC-P» B«PµPsP±C-C±PSC- СґPµP°PeC±C-C—B»).

PµPsPIC-PrPsPjP»C¶P»PsСІС¶C, C°Ps C±P°СІ PIC-PrPSPsPIP»PµPSPSC¶C PiC-СІП»C¶ P·P°СІС, PsСІСрPIP°PSPSC¶C PrPµPeСІПjPµPrPµC, PsPjC-PrPëPSCр СІС, P°PSPsPIPëC, Сґ PiСґPëP±P»PëP·PSPs 1 PiPsPrPëPSCр. PµСґPë P·P°СІС, PsСІСрPIP°PSPSC- PI P°PjP±СрP»P°C, PsСґPSPëC... СрPjPsPIP°C... СґPµC, PµP»СґPSPëP№ PjPsPSC-C, PsСґPëPSPi PiPsC, СґC-P±PSPs PiСґPsPrPsPIP¶СрPIP°C, Pë PiСґPsC, С¶PiPsPj PSPµ PjPµPSC€Pµ 1 PiPsPrPëPSPë (P°P±Ps PrPsPIC€Pµ P·P°P»PµP¶PSPs PIC-Pr СІС, P°PSCр PiP°C±C-C”PSC, P°), PjPµPrPëC±PSPëP№ PSP°PiP»C¶Pr PiPsPIPëPSPµPS PiСґPsPrPsPIP¶СрPIP°C, PëСІС¶ PiСґPsC, С¶PiPsPj C°Pµ PsPrPSC-C”C— PrPsPrP°C, PePsPIPsC— PiPsPrPëPSPë PrP»C¶

$P \cdot P^\circ P \pm P_\mu P \cdot \ddot{P} P_\mu C \ddagger P_\mu P S P S C \sqcup P \pm P_\mu P \cdot \ddot{P} P_\mu P e P \ddot{e} \ddot{P} i P^\circ C \dagger C - C'' P S C, P^\circ.$

$P - P^\circ P i P^\circ P \gg C H P S C - P \cdot P^\circ C \dot{C} C, P_\mu C \dot{H} P_\mu P \P P_\mu P S P S C \sqcup$

$P_\mu P i P^\circ P S P^\circ P r P_\mu P e C \dot{C} P S P_\mu C \dot{C} P \gg C - P r P i P i P s P r P \ddot{e} C, P \ddot{e} P \pm P s P \gg C \dot{H} C \dot{C} P S P s, P^\circ C \dot{C}$
 $P i C - P r P r C - P \gg P_\mu P S P S C \sqcup C \dots C - P S C, P_\mu P S C \dot{C} P \ddot{e} P i P S P s C - C, P_\mu C \dot{H} P^\circ P i C - C -$
 $P \cdot P^\circ C \dot{C} C, P s C \dot{C} C r P i P^\circ P S P S C \sqcup P S P^\circ P i P^\circ P S C, P^\circ P \P C r P i P^\circ P \gg C H P S P s C - P r P s P \cdot P \ddot{e} P S P_\mu$
 $C \dot{H} P_\mu P e P s P j P_\mu P S P r C r C'' C, C H C \dot{C} C \sqcup. P \ddot{y} P s P j C r P j P_\mu P r P \ddot{e} C \ddagger P S P \ddot{e} P N_\ddot{e} \ddot{P} i P_\mu C \dot{H} C \dot{C} P s P S P^\circ P \gg P j P^\circ C''$
 $P \pm C r C, P \ddot{e} P i P s C, P s P i P \ddot{e} P N_\ddot{e} P \cdot P^\circ C \dot{C} C, P s C \dot{C} C r P i P^\circ C, P \ddot{e} P^\circ P \gg C H C, P_\mu C \dot{H} P S P^\circ C, P \ddot{e} P i P S P \ddot{e} P N_\ddot{e}$
 $C \dot{C} P_\mu P r P^\circ C, P \ddot{e} P i P S P \ddot{e} P N_\ddot{e} P \cdot P^\circ C \dot{C} C - P \pm P r P \gg C \sqcup P S P_\mu P i P^\circ P N_\ddot{e} P S P s P i P s P e P s P S C, C \dot{H} P s P \gg C \dot{H}$
 $P \cdot P \pm C r P r P \P P_\mu P S P S C \sqcup P^\circ P \pm P s P i C - P r C \ddagger P^\circ C \dot{C} P i C \dot{H} P s C \ddagger P_\mu P r C r C \dot{H}, P s C \dot{C} P s P \pm P \gg P \ddot{e} P i P s$
 $P i P i C \dot{H} P s P r P s P i P \P \ddot{P} i P_\mu C \dot{H} C \ddot{e} P \ddot{e} C \dots P e C - P \gg C H P e P s C \dots P i P s P r P \ddot{e} P s P \gg C - P e C r P i P^\circ P S P S C \sqcup. P_\mu C - P r$
 $C \ddagger P^\circ C \dot{C} P i C \dot{H} P s C \ddagger P_\mu P r C r C \dot{H} P S P s C - C \dot{C} P_\mu P r P^\circ C \dagger C - C - P j P s P \P P S P^\circ P \cdot P^\circ C \dot{C} C, P s C \dot{C} P s P i C r P i P^\circ C, P \ddot{e}$
 $P S P_\mu P i P_\mu P \gg P \ddot{e} P e C r P \pm P s P \gg C \dot{H} C \dot{C} P S C r P r P s P \cdot C r C - P S C \ddot{e} P s P i P s C \dot{C} P_\mu P r P^\circ C, P \ddot{e} P i P S P s P i P s$
 $P \cdot P^\circ C \dot{C} P s P \pm C r, C \sqcup P e C \% P s P i P s C, C \dot{H} C - P \pm P S P s C \ddot{e} P i P \ddot{e} P r P e P s P i C - P r P i P \ddot{e} C \% P \ddot{e} C, P \ddot{e}$
 $C \dot{H} C - P i P_\mu P S C H C \dot{C} P_\mu P r P^\circ C \dagger C - C -.$

$P j P r P_\mu C \sqcup P e P \ddot{e} C \dots P i P^\circ C \dagger C - C'' P S C, C - P i, C \sqcup P e C - P s C, C \dot{H} P \ddot{e} P j C r C \dot{H} C, C H$
 $P r P_\mu P e C \dot{C} P j P_\mu P r P_\mu C, P s P j C - P r P \ddot{e} P s, C \dot{C} P i P s C \dot{C} C, P_\mu C \dot{H} C - P i P^\circ P \gg P^\circ C \dot{C} C \sqcup P \cdot P r P^\circ C, P S C - C \dot{C} C, C H P r P s$
 $P i C \dot{H} P s P \pm C r P r P \P P_\mu P S P S C \sqcup C - P i P s P S P \ddot{e} C \dot{H} P_\mu P^\circ P i C r P i P^\circ P \gg P \ddot{e} P S P^\circ P \cdot P s P i P S C - C \ddot{e} P S C -$
 $P i P s P r C \dot{H} P^\circ P \cdot P S P \ddot{e} P e P \ddot{e} P i C \dot{H} P \ddot{e} C \dot{C} C, P \ddot{e} P j C r P \gg C \sqcup C \dagger C - C -. P_\mu C \dot{H} P \ddot{e} P i C - P r C \dot{C} C r C, P S P s C \dot{C} C, C -$
 $C - P S C \ddot{e} P \ddot{e} C \dots P e P \gg C - P S C - C \ddagger P S P \ddot{e} C \dots C \dot{C} P \ddot{e} P j P i C, P s P j C - P i P r P^\circ P S P^\circ P s P \cdot P S P^\circ P e P^\circ P s P e C \dot{H} P_\mu P j P s$
 $P S P_\mu P i P s P i P \ddot{e} P S P S P^\circ C \dot{H} P s P \cdot P i P \gg C \sqcup P r P^\circ C, P \ddot{e} C \dot{C} C \sqcup C \sqcup P e P S P_\mu P_\mu C, P_\mu P e C, P \ddot{e} P i P S C - C \dot{C} C, C H$
 $P \gg C - P e P^\circ C \dot{H} C \dot{C} H P e P s P i P s P \cdot P^\circ C \dot{C} P s P \pm C r.$

$P - P^\circ P \cdot P i P \ddot{e} C \ddagger P^\circ P N_\ddot{e} P r P_\mu P e C \dot{C} P j P_\mu P r P_\mu C, P s P j C - P r P \ddot{e} P s P S P_\mu C \dot{C} P i C \dot{H} P \ddot{e} C \ddagger P \ddot{e} P S C \sqcup C''$
 $P i P \gg P \ddot{e} P \pm P s P e P s C - C \dot{C} P_\mu P r P^\circ C \dagger C - C -, C, P s P j C r P i P^\circ C \dagger C - C'' P S C, C - P i P j P s P \P P S P^\circ P \gg P_\mu P i P e P s$
 $P i C \dot{H} P s P \pm C r P r P \ddot{e} C, P \ddot{e}. P h C, P \P P_\mu, P r P_\mu P e C \dot{C} P j P_\mu P r P_\mu C, P s P j C - P r P \ddot{e} P s P S P_\mu P i C - P r C \dots P s P r P \ddot{e} C, C H$
 $P i P^\circ C \dagger C - C'' P S C, P^\circ P j, C \sqcup P e P \ddot{e} P j P i P s C, C \dot{H} C - P \pm P S P^\circ P i P s C \dot{C} C, C - P N_\ddot{e} P S P^\circ P i P \gg P \ddot{e} P \pm P s P e P^\circ$
 $C \dot{C} P_\mu P r P^\circ C \dagger C - C \sqcup.$

$P_\mu P i P^\circ P S P^\circ P r P_\mu P e C \dot{C} P S P_\mu C \dot{C} P \gg C - P r P \cdot P^\circ C \dot{C} C, P s C \dot{C} P s P i C r P i P^\circ C, P \ddot{e} C \sqcup P e P \cdot P^\circ P i P^\circ P \gg C H P S P \ddot{e} P N_\ddot{e}$
 $P^\circ P S P_\mu C \dot{C} C, P_\mu C, P \ddot{e} C \ddagger P S P \ddot{e} P N_\ddot{e} P \cdot P^\circ C \dot{C} C - P \pm P i C \dot{H} P \ddot{e} C - P S P r C r P e C \dagger C - C - C - P S C, C r P \pm P^\circ C \dagger C - C -$
 $P^\circ P \pm P s P r P \gg C \sqcup P \cdot P^\circ P \pm P_\mu P \cdot \ddot{P} P_\mu C \ddagger P_\mu P S P S C \sqcup C \dot{C} P_\mu P r P^\circ C \dagger C - C - P i C \dot{H} P \ddot{e}$
 $P \cdot P^\circ C \dot{C} C, P s C \dot{C} C r P i P^\circ P S P S C - P j C - P s C \dot{H} P_\mu P \gg P^\circ P e C \dot{C} P^\circ P S C, C - P i.$

$P'' P_\mu P e C \dot{C} P j P_\mu P r P_\mu C, P s P j C - P r P \ddot{e} P s B P S P_\mu P j P^\circ C'' P i C \dot{H} P s C, P \ddot{e} C \dot{C} C r P r P s P j P S P s C - P r C - C -,$
 $P i P \gg P^\circ C \dot{C} C, P \ddot{e} P i P s C - P r P_\mu C \sqcup P e P \ddot{e} P j C - P S C \ddot{e} P \ddot{e} P j C \dot{C} P_\mu P r P^\circ C, P \ddot{e} P i P S P \ddot{e} P j P \cdot P^\circ C \dot{C} P s P \pm P^\circ P j,$
 $C, P s P j C r P i C - P s P S P_\mu P i C \dot{H} P \ddot{e} P i P S C - C \ddagger C r C'' P s C \dot{C} P S P s P i P S C r C \dot{C} C r P r P s P j P S C r$
 $P^\circ P e C, P \ddot{e} P i P S C - C \dot{C} C, C H.$

$P \ddot{y} P \gg C - P r P r P s C, C \dot{H} P \ddot{e} P j C r P i P^\circ C, P \ddot{e} C \dot{C} C \sqcup P s P \pm P_\mu C \dot{H} P_\mu P \P P S P s C \dot{C} C, C - P i C \dot{H} P \ddot{e}$
 $P s P r P S P s C \ddagger P^\circ C \dot{C} P S P s P j C r P \cdot P^\circ C \dot{C} C, P s C \dot{C} C r P i P^\circ P S P S C - P r P_\mu P e C \dot{C} P j P_\mu P r P_\mu C, P s P j C - P r P \ddot{e} P S C r P \cdot$
 $P \gg C - P e P^\circ C \dot{H} C \dot{C} H P e P \ddot{e} P j P \ddot{e} P \cdot P^\circ C \dot{C} P s P \pm P^\circ P j P \ddot{e}, C \% P s P j P^\circ C \dot{H} C, C H C \dot{C} P_\mu P r P^\circ C, P \ddot{e} P i P S P \ddot{e} P N_\ddot{e}$
 $P_\mu C, P_\mu P e C, P^\circ P \pm P s P i P i P \gg P \ddot{e} P i P^\circ C \dot{H} C, C H P S P^\circ C \dot{C} P_\mu C \dot{H} C \ddagger P_\mu P i P s - C \dot{C} C r P r P \ddot{e} P S P S C r$
 $C \dot{C} P \ddot{e} C \dot{C} C, P_\mu P j C r, C \ddagger P_\mu C \dot{H} P_\mu P \cdot P j P s P \P P \gg P \ddot{e} P i C - C \dot{C} C, C H P^\circ P r P \ddot{e} C, P \ddot{e} P i P S P s P i P s P_\mu C, P_\mu P e C, C r.$

$P_\mu P i P^\circ P S P^\circ P r P_\mu P e C \dot{C} P S P_\mu C \dot{H} P_\mu P e P s P j P_\mu P S P r C r C'' C, C H C \dot{C} C \sqcup P \cdot P^\circ C \dot{C} C, P s C \dot{C} P s P i C r P i P^\circ C, P \ddot{e}$
 $P r P \gg C \sqcup P e P s P S C, C \dot{H} P s P \gg C H P s P i P^\circ P S P s C - P i P^\circ C \dagger C - C'' P S C, P s P j C \dot{C} P_\mu P r P^\circ C \dagger C - C -.$
 $P' C - P r P i P s P i C - P r P S C - P r P^\circ P S C - P i C - P r C \dot{C} C r C, P S C -.$

$P i P e C \% P s P_\mu P i P^\circ P S P^\circ P r P_\mu P e C \dot{C} P \cdot P^\circ C \dot{C} C, P s C \dot{C} P s P i C r P i P^\circ C, P \ddot{e} P i P^\circ P j P \pm C r P \gg P^\circ C, P s C \dot{H} P S P \ddot{e} C \dots$

CíPjPsPIP°C..., PIPëPíPëCíPëP° PíP°C†C-C"°PSC,P° PjPsP¶P»PëPIP° PíC-Pr PSP°PiP»C¶Pí
 C,C¶PµC,CHPsC— CíC,PsC¶PsPSPë. PµP°C†C-C"°PSC,P°Pj CíP»C-Pr PíPsC¶P°PrPëC,Pë
 CíC,C¶PëPjCíPIP°C,PëCíC¶ PIC-Pr PePµC¶CíPIP°PSPSC¶ P°PIC,PsC,C¶P°PSCíPíPsC¶C,PsPj
 C,P° PIPëPePsPSP°PSPSC¶ C-PSCëPëC... PSPµP±PµP·PíPµC±PSPëC... P·P°PIPrP°PSC¶.
 PíPeC%Ps PjPsP¶P»PëPIPs, C,C¶PµP±P° CíPSPëPeP°C,Pë P·P°CíC,PsCíCíPIP°PSPSC¶
 C-PSCëPëC... P·P°CíPsP±C-PI C-P· CíPµPrP°C,PëPIPSPëPj PµC,,PµPeC,PsPj
 (PSP°PíC¶PëPeP»P°Pr, P±PµPSP·PsPrC-P°P·PµPíC-PSC-PI, PsPíC-PsC—PrC-PI,
 P°P»PePsPíPsP»C¶) PIPíC¶PsPrPsPIP¶ PíPµPIPSPsPíPs PíPµC¶C-PsPrCí, P·P°P»PµP¶PSPs PIC-Pr
 PµC,,PµPeC,C-PI PrPµPeCíPjPµPrPµC,PsPjC-PrPëPSCí, C%Ps
 CíPíPsCíC,PµC¶C-PíP°C¶C,CHCíC¶, PíC¶PsC†PµPrCíC¶Pë, CíCíPíCíC,PSC-C...
 P»C-PeP°C¶CíCHPePëC... P·P°CíPsP±C-PI, PIC-PeCí C,P° CíC,P°PSCí PíP°C†C-C"°PSC,P°.

PŸP»C-Pr P±CíC,Pë PsP±PµC¶PµP¶PSPëPj PíC¶Pë P·P°CíC,PsCíCíPIP°PSPSC-
 PrPµPeCíPjPµPrPµC,PsPjC-PrPëPSCí PíP°C†C-C"°PSC,P°Pj P»C-C,PSCHPsPíPs PIC-PeCí.
 PµP°C†C-C"°PSC,Pë PIC-PePsPj PIC-Pr 65 C¶PsPeC-PI PjPsP¶CíC,CH P±CíC,Pë P±C-P»CHCë
 CíC...PëP»CHPSC- PrPs C¶PsP·PIPëC,PeCí PíC-PíPsC,PµPSP·C-C— PíC¶Pë
 P·P°CíC,PsCíCíPIP°PSPSC- PrPµPeCíPjPµPrPµC,PsPjC-PrPëPSCí, Cí C,PsPjCí C±PëCíP»C-
 PíC¶Pë PIPíPµPrPµPSPSC- PSP°PIP°PSC,P°P¶CíPIP°P»CHPSPsC— PrPsP·Pë PíC¶Pë
 PíC¶PsPIPµPrPµPSPSC- PíC¶PsC†PµPrCíC¶. PŸP»C-Pr C¶PsP·PíP»C¶PSCíC,Pë
 PjPsP¶P»PëPIC-CíC,CH P·PSPëP¶PµPSPSC¶ PrPsP·Pë (PrPëPI. C¶PsP·PrC-P» B«PŸPíPsCíC-P±
 P·P°CíC,PsCíCíPIP°PSPSC¶ C,P° PrPsP·PëB»).

PŸPjPµC¶C,PSC-CíC,CH CíPµC¶PµPrB PíP°C†C-C"°PSC,C-PI PIC-PePsPj ≤ 65 C¶PsPeC-PI Cí
 PIC-PrPrC-P»PµPSPSC- C-PSC,PµPSCíPëPIPSPsC— C,PµC¶P°PíC-C—

PJ PíC¶P°PíPjP°C,PëC±PSPsPjCí C¶P°PSPPrPsPjC-P·PsPIP°PSPsPjCí
 PePsPSC,C¶PsP»CHPsPIP°PSPsPjCí PrPsCíP»C-PrP¶PµPSPSC- SPICE III P·P° CíC±P°CíC,CH
 3904 PrPsC¶PsCíP»PëC... PíP°C†C-C"°PSC,C-PI PI PeC¶PëC,PëC±PSPsPjCí CíC,P°PSC- Cí
 PIC-PrPrC-P»PµPSPSC- C-PSC,PµPSCíPëPIPSPsC— C,PµC¶P°PíC-C—
 PrPµPeCíPjPµPrPµC,PsPjC-PrPëPS PIPëPePsC¶PëCíC,PsPICíPIP°PICíC¶ C¶Pe
 PsCíPSPsPIPSPëPñ CíPµPrP°C,PëPIPSPëPñ P·P°CíC-P± C- PíPsC¶C-PIPSCHPIP°PICíC¶ P·C-
 P·PIPëC±P°PñPSPëPj P»C-PeCíPIP°PSPSC¶Pj. PíPµ P±CíP»Ps P·P°PíP°P»CHPSPsC—
 C¶C-P·PSPëC†C- PI 90-PrPµPSPSC-Pñ CíPjPµC¶C,PSPsCíC,C- PjC-P¶ PíC¶CíPíPsC¶
 PrPµPeCíPjPµPrPµC,PsPjC-PrPëPSCí C,P° PíC¶CíPíPsC¶ P·PIPëC±P°PñPSPsPíPs
 P»C-PeCíPIP°PSPSC¶ (CíPjPµC¶C,PSC-CíC,CH 29,1 % PI PsP±PsC... PíC¶CíPíP°C...), P°P»Pµ
 CíPíPsCíC,PµC¶C-PíP°P»P°CíC¶ PSPµPsPrPSPsC¶C-PrPSC-CíC,CH PIPíP»PëPICí PIC-PeCí
 PSP° CíPjPµC¶C,PSC-CíC,CH. P"µPeCíPjPµPrPµC,PsPjC-PrPëPS P°CíPsC†C-C¶PIP°PICíC¶
 P·C- P·P±C-P»CHCëPµPSPSC¶Pj CíPjPµC¶C,PSPsCíC,C- Cí PIC-PePsPIC-Pñ PíC¶CíPíC- ≤ 65
 C¶PsPeC-PI (CíPíC-PIPIC-PrPSPsCëPµPSPSC¶ CëP°PSCíC-PI 1,26; 95 % P"¶: 1,02, 1,56)
 PíPsC¶C-PIPSC¶PSPs P· P°P»CHC,PµC¶PSP°C,PëPIPSPëPjPë CíPµPrP°C,PëPIPSPëPjPë
 P·P°CíPsP±P°PjPë. PíPsC±P° PjPµC...P°PSC-P·Pj C†CHPsPíPs C¶PIPëC%P° PSPµC¶CíPSPëPñ,
 PSPµPsPrPSPsC¶C-PrPSC-CíC,CH PIPíP»PëPICí PIC-PeCí PSP° CíPjPµC¶C,PSC-CíC,CH
 P±CíP»P° PSP°PñP±C-P»CHCë PíPsPjC-C,PSPsC¶ Cí PIPëPíP°PrPeP°C... C¶P°PSPSCHPsPíPs
 P·P°CíC,PsCíCíPIP°PSPSC¶ PIPëCíPsPePëC... PrPsP· PrPµPeCíPjPµPrPµC,PsPjC-PrPëPSCí
 PrP»C¶ PrPsCíC¶PIPSPµPSPSC¶ PíP»PëP±PsPePsC— CíPµPrP°C†C-C— Cí PíP°C†C-C"°PSC,C-PI,
 C¶PeC- P±CíP»Pë PíPsCíPíC-C,P°P»C-P·PsPIP°PSC- P· C-PSCëPëC... PíC¶PëC±PëPS, PSC-P¶
 PíC-CíP»C¶PsPíPµC¶P°C†C-PñPSPëPñ PrPsPíP»C¶Pí, C- P·C¶PsCíC,P°P»P° P·C-
 P·P±C-P»CHCëPµPSPSC¶Pj PíPsPeP°P·PSPëPeC-PI APACHE II C- P·C- P·PjPµPSCëPµPSPSC¶Pj
 PIC-PeCí PíP°C†C-C"°PSC,C-PI. PíC- PIPëCíPSPsPíPePë CíP»C-Pr P·C-CíC,P°PIPëC,Pë P·
 PsC±C-PeCíPIP°PSPsC¶ PeP»C-PSC-C±PSPsC¶ PePsC¶PëCíC,CH
 PrPµPeCíPjPµPrPµC,PsPjC-PrPëPSCí PíPsC¶C-PIPSC¶PSPs P·

$$\begin{aligned} & \text{P}^\circ\text{P}\gg\text{CH}_3\text{C}, \text{P}_{\mu}\text{CT}_{\eta}\text{PSP}^\circ\text{C}, \text{P}\ddot{\text{e}}\text{PIPSP}\ddot{\text{e}}\text{PjP}\ddot{\text{e}} \quad \text{Cf}^*\text{P}_{\mu}\text{PrP}^\circ\text{C}, \text{P}\ddot{\text{e}}\text{PIPSP}\ddot{\text{e}}\text{PjP}\ddot{\text{e}} \quad \text{P}\cdot\text{P}^\circ\text{Cf}^*\text{PsP}\pm\text{P}^\circ\text{PjP}\ddot{\text{e}} \quad \text{Cf}^* \\ & \text{PjPsP}\gg\text{PsPrC}\epsilon\text{P}\ddot{\text{e}}\text{C}\dots \quad \text{PiP}^\circ\text{C}\dagger\text{C}-\text{C}''\text{PSC}, \text{C-PI}. \end{aligned}$$

P'P'P»PëPI PSP° CΓPμCηC†Pμ C- CΓCρPrPëPSPë C,P° P·P°PïPsP±C-P¶PSC- P·P°C...PsPrPë

P”PμPeCΓPjPμPrPμC,PsPjC-PrPēPS P·PSPēP¶CṛC” C‡P°CΓC,PsC,Cṛ CΓPμCḥC†PμPIPēC...
CΓPePsCḥPsC‡PμPSCḤ C- P°CḥC,PμCḥC-P°P»CḤPSPēPμC,PeCΓPe (P·P° CḥP°C...CṛPSPsPe
C†PμPSC,CḥP°P»CḤPSPsC— CΓPēPjPiP°C,PsP»C-C,PeC‡PSPsC— PrC-C—), P°P»Pμ PI
P±C-P»CḤC€ PIPēCΓPsPePēC... PePsPSC†PμPSC,CḥP°C†C-CḶC... CΓPiCḥPēC‡PēPSCḶC”
PiPμCḥPēC,,PμCḥPēC‡PSCṛ PIP°P·PsPePsPSCΓC,CḥPēPeC†C-Cḥ, C%oPs PiCḥPēP·PIPsPrPēC,CḤ
PrPs PiC-PrPIPēC%oPμPSPSCḶ P°CḥC,PμCḥC-P°P»CḤPSPsPiPs C,PeCΓPeCṛ
(PrPēPI. CḥPsP·PrC-P» B«PαP°CḥPjP°PePsPrPēPSP°PjC-PeP°B»). PŷPsPjCṛ PḽPIP°PSP°PrPμPeCΓ
PSPμ PiC-PrC...PsPrPēC,CḤ PiP°C†C-C”PSC,P°Pj C-P· C,CḶP¶PePēPjPē CΓPμCḥC†PμPIPs-
CΓCṛPrPēPSPSPēPjPē P·P°C...PIPsCḥCḤPIP°PSPSCḶPjPē.

$\text{PmC}\tilde{\text{H}}\text{P}\ddot{\text{e}} \text{PIPIPmPrPmPSPSC- PrPmPeCl}\tilde{\text{P}}\text{PmPrPmC,PsPjC-PrP}\ddot{\text{e}}\text{PSCr}\tilde{\text{P}}\text{P}^\circ\text{C}\dagger\text{C-C}''\text{PSC,P}^\circ\text{Pj C-P.}$
 $\text{Cl}\tilde{\text{C}}\text{r}\tilde{\text{P}}\text{C}\text{r}\text{C,PSC}\tilde{\text{H}}\text{PsC}\tilde{\text{H}} \text{P}\pm\text{C}\tilde{\text{H}}\text{P}^\circ\text{PrP}\ddot{\text{e}}\text{PeP}^\circ\text{C}\tilde{\text{H}}\text{PrC-C}''\text{C}\tilde{\text{H}} \text{Cl}\tilde{\text{P}}\gg\text{C-Pr PrPsC,C}\tilde{\text{H}}\text{P}\ddot{\text{e}}\text{PjC}\text{rPIP}^\circ\text{C,P}\ddot{\text{e}}\text{Cl}\tilde{\text{C}}\tilde{\text{H}}$
 $\text{PsP}\pm\text{PmC}\tilde{\text{H}}\text{PmP}\tilde{\text{H}}\text{PSPsCl}\tilde{\text{C}},\text{C-}.$ $\text{P}''\text{P}^\circ\text{PSC- C}\%_{\text{O}}\text{PsPrPs PIPiP}\gg\text{P}\ddot{\text{e}}\text{PICr}\tilde{\text{P}}\gg\text{C-PeP}^\circ\text{C}\tilde{\text{H}}\text{Cl}\tilde{\text{C}}\tilde{\text{H}}\text{PePsPiPs}$
 $\text{P-P}^\circ\text{Cl}\tilde{\text{P}}\text{PsP}\pm\text{C}\text{r PSP}^\circ \text{PiP}^\circ\text{C}\dagger\text{C-C}''\text{PSC,C-PI P- C}\ddagger\text{P}^\circ\text{Cl}\tilde{\text{C}},\text{PsC,PsC}\tilde{\text{H}} \text{Cl}\tilde{\text{P}}\text{mC}\tilde{\text{H}}\text{C}\ddagger\text{PmPIP}\ddot{\text{e}}\text{C...}$
 $\text{Cl}\tilde{\text{P}}\text{ePsC}\tilde{\text{H}}\text{PsC}\ddagger\text{PmPSC}\tilde{\text{H}} < 60 \text{PsP}\pm\text{PjPmP}\tilde{\text{H}}\text{PmPSC-}, \text{C,PsPjC}\text{r C,P}^\circ\text{PeP}\ddot{\text{e}}\text{Pj PiP}^\circ\text{C}\dagger\text{C-C}''\text{PSC,P}^\circ\text{Pj}$
 $\text{PiPsC,C}\tilde{\text{H}}\text{C-P}\pm\text{PSPs PiC}\tilde{\text{H}}\text{P}\ddot{\text{e}}\text{PrC-P}\gg\text{Cl}\tilde{\text{C}},\text{P}\ddot{\text{e}} \text{PsCl}\tilde{\text{P}}\text{PsP}\pm\text{P}\gg\text{P}\ddot{\text{e}}\text{PICr}\tilde{\text{P}} \text{C}\text{rPIP}^\circ\text{PiC}\text{r}.$

P°CḤP°PrPëPeP°CḤPrC-Cl, ClPe PìCḤP°PIPëP»Ps, PSPµ PìPsC,CḤPµP±CíC”
 P»C-PeCíPIP°PSPSCl, PìCḤPë PSPµPsP±C...C-PrPSPsCíC,C- PìC-PrPrP°C”C,ChCíCl
 P»C-PeCíPIP°PSPSCḤ P°PSC,PëC...PsP»C-PSPµCḤPìC-C±PSPëPjPë PìCḤPµPìP°CḤP°C,P°PjPë
 P°P±Ps P·PSPëP¶PµPSPSClPj PrPsP·Pë P»C-PeP°CḤCíChPePsPiPs P·P°CíPsP±Cí.
 PµP°C†C-C”PSC,Pë P· PIPëCíPsPePsCḤ C,,C-P·PëC±PSPsCḤ PìC-PrPiPsC,PsPIPePsCḤ C-
 PjP°CḤC,Ch PSPëP·ChPeCí C±P°CíC,PsC,Cí CíPµCḤC†PµPIPëC... CíPePsCḤPsC±PµPSCḤ PI
 CíC,P°PSC- CíPìPsPePsCḤ, PjPsP¶CíC,Ch P±CíC,Pë PsCíPsP±P»PëPIPs C±CíC,P»PëPIC- PrPs
 PSPµPiP°C,PëPIPSPsPiPs C...CḤPsPSPsC,CḤPsPìPSPsPiPs PµC,,PµPeC,Cí P°PiPsPSC-CíC,C-PI a₂-
 P°PrCḤPµPSPsCḤPµC†PµPìC,PsCḤC-PI; P±CíP»Pë PsPìPëCíP°PSC- PIPëPìP°PrPePë
 P±P»PsPeP°PrPë CíPëPSCíCíPsPIPsPiPs PICíP·P»P°. PµPsPIC-PrPsPjP»ClP»Pë C,P°PePsP¶
 PìCḤPs PIPëPìP°PrPePë P·CíPìPëPSPePë CíPµCḤC†Cl, ClPePëPj C±P°CíC,Ps
 PìPµCḤPµPrCíPIP°P»Pë P±CḤP°PrPëPeP°CḤPrC-Cl P°P±Ps
 P°C,CḤC-PsPIPµPSC,CḤPëPeCíP»ClCḤPSP° P±P»PsPeP°PrP° (PrPëPI. CḤPsP·PrC-P»
 B«PµPsP±C-C±PSC- CḤPµP°PeC†C-C-B»).

Pj PiP°C†C-C" PSC,C-PI C-P· ClCrfPiCfC,PSCHbPsCh P°CḡC,PμCḡC-P°P»CHbPSPsCh
PiC-PiPsC,PμPSP·C-C"Ch (PsClfPsP±P»PëPIPs CḡPμC,,CḡP°PeC,PμCḡPSPsCh PrPs
PIP°P·PsPiCḡPμClfPsCḡC-PI), Cr C,PsPjCr C†PëClfP»C- C...CḡPsPSC-C†PSPsCh,
PiC-PiPsPIPsP»PμPjC-C"Ch P°P±Ps P·PSPëP¶PμPSPëPj C,,CrPSPeC†C-PsPSP°P»CHbPSPëPj
CḡPμP·PμCḡPIPsPj, P·PsPeCḡPμPjP° Cr PiP°C†C-C" PSC,C-PI P· C,ClP¶PePsCh
CëP»CrPSPsC†PePsPIPsCh PrPëClfC,,CrPSPeC†C-C"Ch C- PiP°C†C-C" PSC,C-PI
P»C-C,PSCHbPsPiPs PIC-PeCr, PiC-PiPsC,PμPSP·PëPIPSPëPNë PμC,,PμPeC,
PrPμPeClfPjPμPrPμC,PsPjC-PrPëPSCr PjPsP¶Pμ P±CrC,Pë P±C-P»CHbCë PIPëCḡP°P¶PμPSPëPj, C-
PI C†PëC... PIPëPiP°PrPeP°C... PiPsC,CḡC-P±PSP° PsClfPsP±P»PëPIP°
PsP±PμCḡPμP¶PSC-ClfC,Ch (PrPëPI. CḡPsP·PrC-P» B«PμCḡPsC,PëPiPsPeP°P·P°PSPSClB»).

P—PSPëP¶PμPSPSCl P°CḡC,PμCḡC-P°P»CHbPSPsPiPs C,PëClfPeCr, ClPe PiCḡP°PIPëP»Ps, PSPμ
PIPëPjP°PiP°C" ClfPiPμC†C-P°P»CHbPSPëC... P·P°C...PsPrC-PI, P°P»Pμ PiCḡPë
PSPμPsP±C...C-PrPSPsClfC,C- ClfP»C-Pr P±CrC,Pë PiPsC,PsPIPëPj PrPs P·PSPëP¶PμPSPSCl
PrPsP·Pë, PIPIPμPrPμPSPSCl P·P°ClfPsP±C-PI PrP»Cl PiPsPiPsPIPSPμPSPSCl PsP±Bḡ™ C" PjCr
C†PëCḡPeCrP»ChChC†PsC— PeCḡPsPIC- C,P°/P°P±Ps PIP°P·PsPePsPSClC,CḡPëPeC,PsCḡC-PI.

PJ PİP°C†C-C" PSC,C-PI P· PİPsCĤCřC€PµPSPSCĬPj PİPµCĤPëC,,PµCĤPëC‡PSPsC—
P°PIC,PsPSPsPjPSPsC— PSPµCĤPIPSPİPsC— CĬPëCĬC,PµPjPë (PSP°PİCĤPëPeP»P°Pr,
PIPSP°CĬP»C-PrPsPe C,CĤP°PIPjPë CĬPİPëPSPSPsPiPs PjPsP·PeCř) PİPµPjPsPrPëPSP°PjC-C‡PSC-
PµC,,PµPeC,Pë PİC-CĬP»CĬ PİPİPµPrPµPSPSCĬ P»C-PeP°CĤCĬCĤPePsPiPs P·P°CĬPsP±Cř
PjPsP¶CřC,CH P±CřC,Pë P±C-P»CHC€ PİPëCĤP°P¶PµPSPëPjPë C- PİPëPjP°PİP°C,Pë
PsCĬPsP±P»PëPİPsPiPs PrPsPiP»CĬPrCř P·P° PİP°C†C-C" PSC,PsPj.

PµCĤPë PİPİPµPrPµPSPSC- PSP°PIP°PSC,P°P¶CřPIP°P»CHPSPsC— PrPsP·Pë
PrPµPeCĬPjPµPrPµC,PsPjC-PrPëPSCř CĬPİPsCĬC,PµCĤC-PİP°P»PsCĬCĬ
C,CĤP°PSP·PëC,PsCĤPSPµ PİC-PrPİPëC%PµPSPSCĬ P°CĤC,PµCĤC-P°P»CHPSPsPiPs
C,PëCĬPeCř Pİ P·PİBĤ™ CĬP·PeCř P· PİPµCĤPëC,,PµCĤPëC‡PSPëPj
PIP°P·PsPePsPSCĬC,CĤPëPeC,PsCĤPSPëPj PµC,,PµPeC,PsPj, C,PsPjCř PİPİPµPrPµPSPSCĬ
PSP°PIP°PSC,P°P¶CřPIP°P»CHPSPsC— PrPsP·Pë PrP»CĬ CĬPµPrP°C†C-C— Pİ CřPjPsPIP°C...
PİC-PrPrC-P»PµPSPSCĬ C-PSC,PµPSCĬPëPİPSPsC— C,PµCĤP°PİC-C—, PSPµ
CĤPµPePsPjPµPSPPrCřC",CHCĬCĬ. P>C-PeCřPIP°PSPSCĬ PİC-PrPİPëC%PµPSPsPiPs
P°CĤC,PµCĤC-P°P»CHPSPsPiPs C,PëCĬPeCř, CĬPe PİCĤP°PIPëP»Ps, PSPµ PİPsC,CĤC-P±PSPµ,
PsPrPSP°Pe CĬP»C-Pr CĤPsP·PiP»CĬPSCřC,Pë PjPsP¶P»PëPİC-CĬC,CH P·PSPëP¶PµPSPSCĬ
C€PİPëPrPePsCĬC,C- PİPİPµPrPµPSPSCĬ P»C-PeP°CĤCĬCĤPePsPiPs P·P°CĬPsP±Cř.

PĤC-CĬC†PµPIP° PIP°P·PsPePsPSCĬC,CĤPëPeC†C-CĬ PİCĤPë PİC-PrPİPëC%PµPSC-PNë
PePsPSC†PµPSC,CĤP°C†C-C— PjPsP¶Pµ P±CřC,Pë P±C-P»CHC€ P·PSP°C‡CřC%PsCĤ Cř
PİP°C†C-C" PSC,C-PI P· C-C€PµPjC-C‡PSPsCĤ C...PİPsCĤPsP±PsCĤ CĬPµCĤC†CĬ P°P±Ps
C,CĬP¶PePëPjPë C†PµCĤPµP±CĤPsPIP°CĬPeCřP»CĬCĤPSPëPjPë
P·P°C...PİPsCĤCĤPIP°PSPSCĬPjPë, P·P° C,P°PePëPjPë PİP°C†C-C" PSC,P°PjPë CĬP»C-Pr
CĤPµC,PµP»CHPSPs PSP°PİP»CĬPrP°C,Pë. P"»CĬ PİP°C†C-C" PSC,C-PI P· PsP·PSP°PeP°PjPë
C-C€PµPjC-C— PjC-PsPeP°CĤPrP° P°P±Ps PİPsP»PsPİPSPsPiPs PjPsP·PeCř PjPsP¶Pµ P±CřC,Pë
PİPsC,CĤC-P±PSPëPj P·PSPëP¶PµPSPSCĬ PrPsP·Pë P»C-PeP°CĤCĬCĤPePsPiPs P·P°CĬPsP±Cř
P°P±Ps PİCĤPëPİPëPSPµPSPSCĬ PNëPsPiPs PİPİPµPrPµPSPSCĬ.

PŸP»C-Pr P±CřC,Pë PsP±PµCĤPµP¶PSPëPj PİCĤPë PİPİPµPrPµPSPSC-
PrPµPeCĬPjPµPrPµC,PsPjC-PrPëPSCř CĤP°P·PsPj P·C- CĬPİC-PSP°P»CHPSPsCĤ C-
PµPİC-PrCřCĤP°P»CHPSPsCĤ P°PSPµCĬC,PµP·C-C" CĤ C‡PµCĤPµP· PjPsP¶P»PëPİPëPNë
PİC-PrPİPëC%PµPSPëPNë CĤPëP·PëPe PİC-PİPsC,PµPSP·C-C— C- P±CĤP°PrPëPeP°CĤPrC-C—.

PµP°C†C-C" PSC,Pë P· PİPsCĤCřC€PµPSPSCĬPj C,,CřPSPeC†C-C— PİPµC‡C-PSPePë

P©PsPrPs PİP°C†C-C" PSC,C-PI C-P· C,CĬP¶PePsCĤ PİPµC‡C-PSPePsPİPsCĤ
PSPµPrPsCĬC,P°C,PSC-CĬC,CĤ CĬP»C-Pr PrPsC,CĤPëPjCřPIP°C,PëCĬCĬ
PsP±PµCĤPµP¶PSPsCĬC,C-, PsCĬPeC-P»CHPePë C‡PµCĤPµP· P·PSPëP¶PµPSPëPNë
PeP»C-CĤPµPSCĬ PrPµPeCĬPjPµPrPµC,PsPjC-PrPëPSCř PSP°PrP»PëC€PePsPİPµ
PİPİPµPrPµPSPSCĬ P»C-PeP°CĤCĬCĤPePsPiPs P·P°CĬPsP±Cř PİC-PrPİPëC%CřPIP°C,PëPjPµ
CĤPëP·PëPe PİPsP±C-C‡PSPëC... CĤPµP°PeC†C-PNë C- PSP°PrPjC-CĤPSPsC— CĬPµPrP°C†C-C—.

PµP°C†C-C" PSC,Pë P· PSPµPİCĤPsP»PsPİC-C‡PSPëPjPë CĤPsP·P»P°PrP°PjPë

P"PsCĬPİC-Pr P·P°CĬC,PsCĬCřPIP°PSPSCĬ PrPµPeCĬPjPµPrPµC,PsPjC-PrPëPSCř PİCĤPë
C,P°PePëC... C,CĬP¶PePëC... PSPµPİCĤPsP»PsPİC-C‡PSPëC... CĬC,P°PSP°C... CĬPe
C‡PµCĤPµPİPSPs-PjPsP·PePsPIP° C,CĤP°PIPjP° C- PİC-CĬP»CĬPsPİPµCĤP°C†C-PNëPSPëPNë
PİPµCĤC-PsPr PİC-CĬP»CĬ PSPµPNëCĤPsC...C-CĤCřCĤPİC-C‡PSPëC... PsPİPµCĤP°C†C-PNë
PsP±PjPµP¶PµPSPëPNë, C,PsPjCř PNëPsPiPs CĬP»C-Pr P·P°CĬC,PsCĬPsPİCřPIP°C,Pë PİCĤPë
C,P°PePëC... CĬC,P°PSP°C... P· PsP±PµCĤPµP¶PSC-CĬC,CĤ, PsCĬPsP±P»PëPİPs Cř CĤP°P·C-
PSPµPsP±C...C-PrPSPsCĬC,C- PİP»PëP±PsPePsC— CĬPµPrP°C†C-C—. PµCĤPë PİPëP±PsCĤC-

$$P''PuPeC\dot{I}PjPuPrPuC,PsPjC-PrP\ddot{e}PS\ P\ddot{i}C\dot{H}PsPSP\ddot{e}PeP^{\circ}C''\ C\dot{r}\ P\ddot{i}C\dot{H}C\dot{r}PrPSP\mu\ PjPsP\gg PsPePs$$

P»CҺPrPëPSPë, PiCҺPsC, Pµ PNëPsPiPs CҺC-PIPµPSCҺ P±CfPrPµ PSPëP¶C±PëPj PjPµP¶C-
PIPëC¶IPIP»PµPSPSC¶ C±PµCҺPµP· 24 PiPsPrPëPSPë PiC-ClP»C¶ PiCҺPëPiPëPSPµPSPSC¶
PIPIPµPrPµPSPSC¶ P»C-PeP°CҺCfCHPePsPiPs P·P°ClPsP±Cf. P PëP·PëPe PrP»C¶ PrPëC, PëPSPë
PSPµ PjPsP¶Pµ P±CfC, Pë PIPëPeP»CҺC±PµPSPëPNë. P C-CëPµPSPSC¶ PiCҺPs
PiCҺPëPiPëPSPµPSPSC¶ PiCҺCfPrPSPsPiPs PIPëPiPsPrPsPICfPIP°PSPSC¶ P°P±Ps
PiCҺPëPiPëPSPµPSPSC¶ C, PµCҺP°PiC-C— PrPµPeClPjPµPrPµC, PsPjC-PrPëPSPsPj PjP°C”
P±CfC, Pë PiCҺPëPNëPSC¶C, Ps P· CfCҺP°C...CfPIP°PSPSC¶Pj PePsCҺPëClC, C-
PiCҺCfPrPSPsPiPs PIPëPiPsPrPsPICfPIP°PSPSC¶ PrP»C¶ PrPëC, PëPSPë C- PePsCҺPëClC, C-
C, PµCҺP°PiC-C— PrPµPeClPjPµPrPµC, PsPjC-PrPëPSPsPj PrP»C¶ PjP°C, PµCҺC-.

PαPµCҺC, PëP»CHPSC-ClC, CH

P’ PrPsClP»C-PrP¶PµPSPSC- C,, PµCҺC, PëP»CHPSPsClC, C- PSP° C%oCfCҺP°C...
PrPµPeClPjPµPrPµC, PsPjC-PrPëPS PSPµ PIPiP»PëPIP°PI PSP° CҺPµPiCҺPsPrCfPeC, PëPIPSCf
C,, CfPSPeC†C-CҺ ClP°PjC†C-PI P°P±Ps ClP°PjPsPe. P”P°PSC- C%oPsPrPs PIPiP»PëPICf PSP°
CҺPµPiCҺPsPrCfPeC, PëPIPSCf C,, CfPSPeC†C-CҺ P»CҺPrPëPSPë PIC-PrClCfC, PSC-.

***P—PrP°C, PSC-ClC, CH PIPiP»PëPIP°C, Pë PSP° CëPIPëPrPeC-ClC, CH CҺPµP°PeC†C-C—
PiCҺPë PePµCҺC±PIP°PSPSC- P°PIC, PsC, CҺP°PSCfPiPsCҺC, PsPj P°P±Ps C-PSCëPëPjPë
PjPµC...P°PSC-P·PjP°PjPë***

PµP°C†C-C”PSC, P°Pj CҺPµPePsPjPµPSPrCfC”C, CHClC¶ CfC, CҺPëPjP°C, PëClC¶ PIC-Pr
PePµCҺCfPIP°PSPSC¶ C, CҺP°PSCfPiPsCҺC, PSPëPjPë P·P°ClPsP±P°PjPë P°P±Ps
PIPëPePsPSP°PSPSC¶ C-PSCëPëC... PSPµP±PµP·PiPµC±PSPëC... P·P°PIPrP°PSCҺ
PiCҺPsC, C¶PiPsPj PiPµPIPSPsPiPs C±P°ClCf PiC-ClP»C¶ PIPiPµPrPµPSPSC¶
P»C-PeP°CҺCfCHPePsPiPs P·P°ClPsP±Cf PrP»C¶ PiCҺPsC†PµPrCfCҺPSPsC—
ClPµPrP°C†C-C—.

PŸPiPsClC-P± P·P°ClC, PsClC±PIP°PSPSC¶ C, P° PrPsP·Pë

P”P»C¶ ClPµPrP°C†C-C— PrPsCҺPsClP»PëC... PiP°C†C-C”PSC, C-PI Cf
PIC-PrPrC-P»PµPSPSC¶C... P°PSPµClC, PµP·C-PsP»PsPiC-C—, CҺPµP°PSC-PjP°C†C-C— C, P°
C-PSC, PµPSCfPëPIPSPsC— C, PµCҺP°PiC-C— (P’PҺP P†PŸ), C¶PeC- PiPsC, CҺPµP±CfCHC, CH
CҺC-PIPSC¶ ClPµPrP°C†C-C— PSPµ PiP»PëP±CëPµ, PSC-P¶ PiCҺPsP±CfPrP¶PµPSPSC¶ Cf
PIC-PrPiPsPIC-PrCH PSP° PiPsP»PsClPsPICf ClC, PëPjCfP»C¶C†C-CҺ (PIC-PrPiPsPIC-PrP°C”
PrC-P°PiP°P·PsPSCf PIC-Pr 0 PrPs BҺ”3 P±P°P»C-PI P·P° CëPeP°P»PsCH P°P¶PëC, P°C†C-C—
ClPµPrP°C†C-C— P C-C±PjPsPSPrP° [CëPeP°P»P° RASS])

PŸC-P»CHPePë PrP»C¶ PiPsClPiC-C, P°P»CHPSPsPiPs P·P°ClC, PsClCfPIP°PSPSC¶.
P»C-PeP°CҺCfCHPePëPNë P·P°ClC-P± PҺPIP°PSP°PrPµPeCl PiPsPIPëPSPµPS
P·P°ClC, PsClPsPICfPIP°C, PëClC¶ C,, P°C...C-PIC†C¶PjPë, C¶PeC- PjP°CHC, CH PrPsClPIC-Pr
P»C-PeCfPIP°PSPSC¶ PiP°C†C-C”PSC, C-PI PI CfPjPsPIP°C... C-PSC, PµPSCfPëPIPSPsC—
C, PµCҺP°PiC-C—.

P”PsP·CfPIP°PSPSC¶

PµP°C†C-C”PSC, C-PI, C¶PePëPj PIP¶Pµ PiCҺPsPIPµPrPµPSP° C-PSC, CfP±P°C†C-C¶ C, P° C¶PeC-
P·PSP°C...PsPrC¶C, CHClC¶ PI ClC, P°PSC- ClPµPrP°C†C-C—, PjPsP¶PSP°

РiРµCђРµРiРsРrРёC,Рё РSP° РъРiР°РSP°РrРµРёCђ C-Р. РiРsCђР°C,РёРsРiРsCђ
CёРiРёРrРёC-СђC,Сђ C-РSC,,CђР·C-C— 0,7 РjРёРi/РёРi/РiРsРr, CђРёCђ РjРsР¶РSP°
РiРsCђC,CђРiРsРiРs РёРsCђРµРiCђРiР°C,Рё Рi РjРµР¶Р°C... РrРsР·Рё 0,2бђ“1,4 РjРёРi/РёРi/РiРsРr
РrР»Cђ РrРsCђCђРiРSPµРSPSCђ Р±Р°Р¶Р°РSPsРiРs CђC-РiРSCђ CђРµРrР°CђC-C—,
Р·Р°Р»РµР¶РSPs РiC-Рr РiC-РrРiРsРiC-РrC- РiР°CђC-C”РSC,Р° РSP° Р»C-РёР°CђCђCђРёРёРµ
Р·Р°CђC-Р±. Р”Р»Cђ РsCђР»Р°Р±Р»РµРSPёC... РiР°CђC-C”РSC,C-Рi CђР»C-Рr
CђРsР·РiР»CђРSCђC,Рё РrРsCђC-Р»CђРSC-СђC,Сђ Р·Р°CђC,РsCђCђРiР°РSPSCђ
РSP°РµРSPёР¶CђРsC— РiРsCђР°C,РёРsРiРsC— CёРiРёРrРёРsCђC,C- C-РSC,,CђР·C-C—.
Р”РµРёCђРjРµРrРµC,РsРjC-РrРёРS C” РiРsC,CђР¶РSPёРj Р·Р°CђРsР±РsРj, C,РsРjCђ
CёРiРёРrРёC-СђC,Сђ РµРsРiРs РiРiРµРrРµРSPSCђ РiРёР°CђC”C,СђCђCђ Рi
CђРsР·CђР°C...CђРSPёCђ РSP° РiРsРrРёРSCђ. РµC-СђР»Cђ РёРsCђРµCђC-C— РrРsР·Рё
РrРsCђCђРiРSPµРSPSCђ РSP°Р»РµР¶РSPsРiРs CђC-РiРSCђ CђРµРrР°CђC-C— РjРsР¶Рµ
Р·Р°РµРµРSCђC,Рё РrРs РsРrРSC-C”C— РiРsРrРёРSPё.

РµР°РёCђРёРjР°Р»CђРSP° РrРsР·Р°. РёРµ CђР»C-Рr РiРµCђРµРiРёC%оCђРiР°C,Рё
РjР°РёCђРёРjР°Р»CђРSCђ РrРsР·Cђ 1,4 РjРёРi/РёРi/РiРsРr. РµР°CђC-C”РSC,C-Рi, CђРёC-
РSPµ Р·РjРsРiР»Рё РrРsCђCђРiC,Рё РSP°Р»РµР¶РSPsРiРs CђC-РiРSCђ CђРµРrР°CђC-C—
РiCђРё РjР°РёCђРёРjР°Р»CђРSC-Рµ РrРsР·C- Р»C-РёР°CђCђCђРёРёРs
Р·Р°CђРsР±Cђ, РSPµРsР±C...C-РrРSPs РiРµCђРµРiРµCђC,Рё РSP°
Р°Р»CђC,РµCђРSP°C,РёРiРSPёРµ CђРµРrР°C,РёРiРSPёРµ Р·Р°CђC-Р±.

РёРёРёРsCђРёCђC,Р°РSPSCђ РSP°РiР°РSC,Р°Р¶CђРiР°Р»CђРSPsC— РrРsР·Рё
РrРµРёCђРjРµРrРµC,РsРjC-РrРёРSCђ РrР»Cђ CђРµРrР°CђC-C— РSPµ
CђРµРsРjРµРSPrCђC”C,СђCђCђ, РsCђРёC-Р»CђРёРё CђРµ РiРsРiбђ™ CђР·Р°РSPs Р·
РiC-РrРiРёC%оРµРSPёРj CђC-РiРSPµРj РiРsР±C-CђРSPёC... РµC,,РµРёC,C-Рi. Рj CђР°Р·C-
РSPµРsР±C...C-РrРSPsCђC,C- РjРsР¶РSP° Р·Р°CђC,РsCђРsРiCђРiР°C,Рё РiCђРsРiРsC,,РsР»
Р°Р±Рs РjC-РrР°Р·РsР»Р°Рj РrРs РrРsCђCђРiРSPµРSPSCђ РёР»C-РSC-CђРSPsРiРs РµC,,РµРёC,Cђ
РrРµРёCђРjРµРrРµC,РsРjC-РrРёРSCђ.

РjCђРёРiР°Р»C-СђC,Сђ Р·Р°CђC,РsCђCђРiР°РSPSCђ.

Р”РsCђРiC-Рr Р·Р°CђC,РsCђCђРiР°РSPSCђ РъРiР°РSP°РrРµРёCђCђ РiРsРSP°Рr 14 РrРSC-Рi
РiC-РrCђCђC,РSC-Рµ. РµCђРё Р·Р°CђC,РsCђCђРiР°РSPSC- Р»C-РёР°CђCђCђРёРёРsРiРs
Р·Р°CђРsР±Cђ Р±C-C»CђCёРµ 14 РrРSC-Рi РSPµРsР±C...C-РrРSPs
CђРµРiCђР»CђCђРSPs РsCђC-РSCђРiР°C,Рё CђC,Р°РS РiР°CђC-C”РSC,Р°.

Р”Р»Cђ CђРµРrР°CђC-C— РSPµC-РSC,CђР±РsРiР°РSPёC... РiР°CђC-C”РSC,C-Рi РrРs/Р°Р±Рs
РiC-Рr CђР°Cђ РrC-Р°РiРSPsCђC,РёCђРSPёC... Р°Р±Рs C...C-CђCђCђРiC-CђРSPёC...
РiCђРsCђРµРrCђ, РrР»Cђ CђРёРёC... РiРsC,CђC-Р±РSP° CђРµРrР°CђC-CђC,C,РsР±C,Рs
РiCђРsCђРµРrCђРSP° CђРµРrР°CђC-CђC / CђРµРrР°CђC-CђC Рi CђРiC-РrРsРjРsCђC,C-

Р»C-РёР°CђCђCђРёРёРµ Р·Р°CђC-Р± РъРiР°РSP°РrРµРёCђ РiРsРiРёРSPµРS
Р·Р°CђC,РsCђРsРiCђРiР°C,РёCђCђ C,,Р°C...C-РiCђCђРjРё, CђРёC- РjР°CђC,Сђ РrРsCђРiC-Рr
РiCђРsРiРµРrРµРSPSCђ РiCђРsCђРµРrCђРSPsC— CђРµРrР°CђC-C— РiР°CђC-C”РSC,Р°Рj, Рi
РsРiРµCђР°CђC-РµРSC-Рµ Р°Р±Рs РiC-Рr CђР°Cђ РrC-Р°РiРSPsCђC,РёCђРSPёC...
РiCђРsCђРµРrCђ.

РiРёC%оРs РiРiРsРrРёC,Рё РъРiР°РSP°РrРµРёCђ РrР»Cђ CђРµРrР°CђC-C— Р·C-
Р·Р±РµCђРµРSPSCђРj CђРiC-РrРsРjРsCђC,C-, РiР°CђC-C”РSC,Рё РiРsРiРёРSPSC-
РiРsCђC,C-РµРSPs Р·РSP°C...РsРrРёC,РёCђCђ РiC-Рr РёРsРSC,CђРsР»РµРj РsCђC-Р±, РSPµ
Р·Р°РrC-CђРSPёC... Cђ РiРёРёРsРSP°РSPSC- РrC-Р°РiРSPsCђC,РёCђРSPsC— Р°Р±Рs

C...C-CT₃CrCT₃PiC-C†PSPSC— PiCT₃PsC†PμPrCrCT₃Pë. PŸP»C-Pr P·PrC-PM₂Cl†PSC₃PIP°C,Pë
PiPsCl†C,C-PM₂PSPëPM₂ PSP°PiP»C₃PIPr P·P° PiP°C†C-C”PSC,P°PjPë PrP»C₃PIPëC₃PIP»PμPSPSC₃
CT₃P°PSPSC-C... PsP·PSP°Pe PiC-PiPsC,PμPSP·C-C—, PiC-PiPμCT₃C,PμPSP·C-C—,
P±CT₃P°PrPëPeP°CT₃PrC-C—, PiCT₃PëPiPSC-C†PμPSPSC₃ PrPëC...P°PSPSC₃,
PsP±Cl†C,CT₃CrPeC†C-C— PrPëC...P°P»CH₃PSPëC... CëP»C₃C...C-PI, P·CrPiPëPSPëPë
PrPëC...P°PSPSC₃, P·P°PrPëCëPePë C-/P°P±Ps PePëCl†PSPμPIPsC— PrPμCl†P°C,CrCT₃P°C†C-C—
(PrPëPI. CT₃PsP·PrC-P» B«PμPsP±C-C†PSC- CT₃PμP°PeC†C-C—B»).

P₇PIP°PSP°PrPμPeCΓ PIPiPsPrPëC,Pë Cr PIPëPiP»CΠPrC-
PSP°PIP°PSC,P°P¶CíPIP°P»CHbPSPsC— C-PSC,,CrP·C-C—, P·P° CΠPePsCTh CÍP»C-PrCrC”
PiC-PrC,CThPëPjCíPIP°P»CHbPSP° C-PSC,,CrP·C-CΠ. P—P°P»PμP¶PSPs PIC-Pr
PiCThPsC†PμPrCrCThPë PjPsP¶Pμ P±CrC,Pë PiPsC,CThC-P±PSP° PIC-PrPiPsPIC-PrPSP°
PjC-CÍC†PμPIP° P°PSPμCÍC,PμP·C-CΠ P°P±Ps P°PSP°P»PiPμP·C-CΠ PrP»CΠ
PrPsCÍCΠPiPSPμPSPSCΠ P±P°P¶P°PSPsPiPs PeP»C-PSC-C‡PSPsPiPs PμC,,PμPeC,Cr.
P PμPePsPjPμPSPrCrC”C,ChCÍCΠ P·P°CÍC,PsCÍPsPICríPIP°C,Pë PrPsPrP°C,PePsPICrí
P°PSP°P»PiPμP·C-Th P°P±Ps CÍPμPrP°C,PëPIpsc- P·P°CÍPsP±Pë (PSP°PiCThPëPeP»P°Pr
PsPiC-PsC—PrPë, PjC-PrP°P·PsP»P°Pj, PiCThPsPiPsC,,PsP») Cr CThP°P·C-
PiCThPsPIPμPrPμPSPSCΠ P±PsP»C-CÍPSPëC... PiCThPsC†PμPrCrCTh P°P±Ps PiCThPë
PSPμPsP±C...C-PrPSPsCÍC,C- P±C-P»CHbC€PsC— PiP»PëP±PëPSPë CÍPμPrP°C†C-C—.
PαP°CThPjP°PePsPeC-PSPμC,PëC‡PSPëPNë PiPμCThC-PsPr PSP°PiC-PICThPsP·PiPsPrC-P»Cr
PrPμPeCÍPjPμPrPμC,PsPjC-PrPëPSCr CÍC,P°PSPsPIPëC,Ch PiCThPëP±P»PëP·PSPs 6
C...PIPëP»PëPS. P|PμPNë PiP°CThP°PjPμC,CTh CÍP»C-Pr PICThP°C...PsPICríPIP°C,Pë
CThP°P·PsPj P· PμC,,PμPeC,P°PjPë C-PSC€PëC... PiCThPëP·PSP°C‡PμPSPëC...
P»C-PeP°CThCÍChPePëC... P·P°CÍPsP±C-PI PrP»CΠ PsC†C-PSPePë
PSPμPsP±C...C-PrPSPsPiPs C‡P°CÍCr PrP»CΠ C,PëC,CThCrPIP°PSPSCΠ PrPs
P±P°P¶P°PSPsPiPs PeP»C-PSC-C‡PSPsPiPs PμC,,PμPeC,Cr P₇PIP°PSP°PrPμPeCÍCr.

PkP°PIP°PSC,P°P¶CfPIP°P»CHbPSP° C-PSC,,CfP·C-Clj 1,0 PjPePi/PePi PIPiChPsPrPsPIP¶ 10
C...PIPëP»PëPS. PJ ChP°P·C- PjPµPSC€ C-PSPIP°P·PëPIPSPëC... PiChPsCtPµPrCrCh, C,P°PePëC...
ClPe PsC,,C,P°P»CHbPjPsP»PsPiC-C†PSC- C...C-ChCrChPiC-C†PSC- PsPiPµChP°C†C-C—,
PjPsP¶PSP° P·P°CfC,PsClfPsPICfPIP°C,Pë PSP°PIP°PSC,P°P¶CfPIP°P»CHbPScf C-PSC,,CfP·C-Ch
B PI PrPsP·C- 0,5 PjPePi/PePi PIPiChPsPrPsPIP¶ 10 C...PIPëP»PëPS.

$\text{P}_{\mu}\text{C}-\text{PrC}, \text{C}_{\overline{\eta}}\text{P}\ddot{\text{e}}\text{PjCrC}\overline{\text{H}}\text{C}\dagger\text{Cr C-PSC}, \text{CrP}\cdot\text{C-C}\overline{\text{H}}\text{ P}\cdot\text{P}^{\circ}\text{PiP}^{\circ}\text{P}\rangle\text{PsPj Cl}'\text{P}\rangle\text{C-Pr C}_{\overline{\eta}}\text{PsP}\cdot\text{PiPsC}\dagger\text{PePSP}^{\circ}\text{C}, \text{P}\ddot{\text{e}}\text{P}\cdot 0,6\text{v}_{\overline{\eta}} "0,7 \text{PjPePi/PePi/PiPsPr C- C}, \text{P}\ddot{\text{e}}\text{C}, \text{C}_{\overline{\eta}}\text{CrPIP}^{\circ}\text{C}, \text{P}\ddot{\text{e}}\text{ PrP}\rangle\text{Cl\Pi PrPsCl}'\text{Cl\Pi PiPSP}_{\mu}\text{PSPSC}\Pi$
 $\text{P}\pm\text{P}^{\circ}\text{P}\|\text{P}^{\circ}\text{PSPsPiPs PeP}\rangle\text{C-PSC-C}\dagger\text{PSPsPiPs P}_{\mu}\text{C}, \text{P}_{\mu}\text{PeC}, \text{Cr Cr PrC-P}^{\circ}\text{PiP}^{\circ}\text{P}\cdot\text{PsPSC- PrPsP}\cdot \text{PIC-Pr}$
 $0,2 \text{PrPs } 1 \text{PjPePi/PePi/PiPsPr}. \text{P}\ddot{\text{E}}\text{IP}\ddot{\text{e}}\text{PrPeC-Cl}'\text{C}, \text{CH}\ddot{\text{P}}\ddot{\text{i}}\text{C-PrC}, \text{C}_{\overline{\eta}}\text{P}\ddot{\text{e}}\text{PjCrPIP}^{\circ}\text{P}\rangle\text{CH}\text{PSPsC—}$
 $\text{C-PSC}, \text{CrP}\cdot\text{C-C— PiPsC}, \text{C}_{\overline{\eta}}\text{C-P}\pm\text{PSPs PePsC}_{\overline{\eta}}\text{P}\ddot{\text{e}}\text{PiCrPIP}^{\circ}\text{C}, \text{P}\ddot{\text{e}}\text{ PrPs PrPsCl}'\text{Cl\Pi PiPSP}_{\mu}\text{PSPSC}\Pi$
 $\text{C}\dagger\text{C-P}\rangle\text{CH}\text{PsPIPsPiPs C}_{\overline{\eta}}\text{C-PIPSC}\Pi \text{Cl}'\text{P}_{\mu}\text{PrP}^{\circ}\text{C}\dagger\text{C-C—}.$

PμP°C†C-C''PSC, Pë P»C-C, PSCHbPsPiPs PIC-PeCž.

P''P»CŁ PİP°C†C-C''PSC, C-PI P»C-C, PSCHbPsPiPs PIC-PeCř P·P°P·PIPëC‡P°PNë
PePsCŁPëPiCřPIP°PSPSCŁ PrPsP·Pë PSPμ PİPsC, CŁC-P±PSPμ
(PrPëPI. CŁPsP·PrC-P» B«PαP°CŁPjP°PePsPeC-PSPμC, PëPeP°B»). PJ PİP°C†C-C''PSC, C-PI
P»C-C, PSCHbPsPiPs PIC-PeCř C-CŁPSCřC'' PİC-PrPIPëC%PμPSPëPNë CŁPëP·PëPe
CŁPsP·PIPëC, PeCř P°CŁC, PμCŁC-P°P»CHbPSPsC— PİC-PİPsC, PμPSP·C-C— (PrPëPI. CŁPsP·PrC-P»
B«PħCŁPsP±P»PëPIPsCŁC, C- P·P°CŁC, PsCŁCřPIP°PSPSCŁB»), PsPrPSP°Pe PsP±PjPμP¶PμPSC-
PSP°CŁPIPSC- PrP°PSC- CŁPμP·CřP»CHbC, P°C, C-PI PİCŁPsC†PμPrCřCŁPSPsC—
CŁPμPrP°C†C-C— PSPμ PİPeP°P·CřCŁC, CHb PSP° C‡C-C, PeCř P·P°P»PμP¶PSC-CŁC, CHb PIC-Pr
PrPsP·Pë.

PμPsCŁCžC€PμPSPSCŁ C,,CžPSPeC†C-C— PSPëCŁPsPe.

PμP°C†C-C''PSC, P°Pj P· PİPsCŁCřC€PμPSPSCŁPj C,,CřPSPeC†C-C— PSPëCŁPsPe
PePsCŁPμPiCřPIP°PSPSCŁ PrPsP·Pë P·P°P·PIPëC‡P°PNë PSPμ PİPsC, CŁC-P±PSPμ.

PμPsCŁCžC€PμPSPSCŁ C,,CžPSPeC†C-C— PİPμC‡C-PSPePë.

PŁPIP°PSP°PrPμPeCŁ PjPμC, P°P±PsP»C-P·CřC''C, CHbCŁCŁ Pİ PİPμC‡C-PSC†C-, C, PsPjCř
PNëPsPiPs CŁP»C-Pr P· PsP±PμCŁPμP¶PSC-CŁC, CŁ P·P°CŁC, PsCŁPsPICřPIP°C, Pë
PİP°C†C-C''PSC, P°Pj P· PİPsCŁCřC€PμPSPSCŁPj C,,CřPSPeC†C-C— PİPμC‡C-PSPePë. PŸP»C-Pr
CŁPsP·PiP»CŁPSCřC, Pë PrPsC†C-P»CHbPSC-CŁC, CHb P·P°CŁC, PsCŁCřPIP°PSPSCŁ
P·PSPëP¶PμPSPsC— PİC-PrC, CŁPëPjCřPIP°P»CHbPSPsC— PrPsP·Pë (PrPëPI. CŁPsP·PrC-P»Pë
B«PħCŁPsP±P»PëPIPsCŁC, C- P·P°CŁC, PsCŁCřPIP°PSPSCŁB»,
B«PαP°CŁPjP°PePsPeC-PSPμC, PëPeP°B»).

PŸPİPsCŁC-P± P·P°CŁC, PsCŁCřPIP°PSPSCŁ

P>C-PeP°CŁCŁCHbPePëPNë P·P°CŁC-P± CŁP»C-Pr P·P°CŁC, PsCŁPsPICřPIP°C, Pë P»PëC€Pμ Cř
PIPëPiP»CŁPrC- CŁPsP·PIPμPrPμPSPsC— PIPSCřC, CŁC-C€PSCHbPsPiPμPSPSPsC—
C-PSC,,CřP·C-C— C-P· P·P°CŁC, PsCŁCřPIP°PSPSCŁPj PePsPSC, CŁPsP»CHbPsPiP°PSPsPiPs
C-PSC,,CřP·C-PNëPSPsPiPs PİCŁPëCŁC, CŁPsCŁ.

PħPjPİCřP»Pë PİCŁPëP·PSP°C‡PμPSC- C, C-P»CHbPePë PrP»CŁ
C-PSPPrPëPIC-PrCřP°P»CHbPSPsPiPs P·P°CŁC, PsCŁCřPIP°PSPSCŁ PsPrPSPsPjCř
PİP°C†C-C''PSC, Cř.

PμCŁPëPiPsC, CžPIP°PSPSCŁ CŁPsP·C‡PëPSCž

PμPμCŁPμPr P·P°CŁC, PsCŁCřPIP°PSPSCŁPj PŁPIP°PSP°PrPμPeCŁ PjPsP¶PSP°
CŁPsP·P±P°PIP»CŁC, Pë Cř 5 % CŁPsP·C‡PëPSC- PİP»CŁPePsP·Pë, CŁPsP·C‡PëPSC-
P C-PSPiPμCŁP°, PjP°PSC-C, PsP»C- P°P±Ps 0,9 % CŁPsP·C‡PëPSC- PSP°C, CŁC-CŁ
C...P»PsCŁPëPrCř PrP»CŁ PrPsCŁCŁPİPSPμPSPSCŁ P±P°P¶P°PSPsC—
PePsPSC†PμPSC, CŁP°C†C-C— P°P±Ps
4 PjPePi/PjP» P°P±Ps 8 PjPePi/PjP». PħPëP¶C‡Pμ PSP°PIPμPrPμPSC- PsP±bŁ™C''PjPë,
PSPμPsP±C...C-PrPSC- PrP»CŁ PİCŁPëPiPsC, CřPIP°PSPSCŁ C-PSC,,CřP·C-PNëPSPsPiPs
CŁPsP·C‡PëPSCř PIC-PrPİPsPIC-PrPSPsC— PePsPSC†PμPSC, CŁP°C†C-C—.

P''P»CŁ PrPsCŁCŁPİPSPμPSPSCŁ PePsPSC†PμPSC, CŁP°C†C-C— 4 PjPePi/PjP»:

PhP±B TM C''Pj P _Л PIP°PSP°PrPμPeCfCf, PePsPSC†PμPSC,C _Т P°C,Cf PrP»Cf C _Т PsP·C†PēPSCf PrP»Cf C-PSC,,CfP·C-PN ₂ , PjP»	PhP±B TM C''Pj C _Т PsP·C†PēPSPSPēPeP°, PjP»	P—P°PiP°P»CH _В PSPēPN ₂ PsP±B TM C''Pj C-PSC,,CfP·C-C—, PjP»
2	48	50
4	96	100
10	240	250
20	480	500

P''P»Cf PrPsCfCfPiPSPμPSPSCf PePsPSC†PμPSC,C_ТP°C†C-C— 8 PjPePi/PjP»:

PhP±B TM C''Pj P _Л PIP°PSP°PrPμPeCfCf, PePsPSC†PμPSC,C _Т P°C,Cf PrP»Cf C _Т PsP·C†PēPSCf PrP»Cf C-PSC,,CfP·C-PN ₂ , PjP»	PhP±B TM C''Pj C _Т PsP·C†PēPSPSPēPeP°, PjP»	P—P°PiP°P»CH _В PSPēPN ₂ PsP±B TM C''Pj C-PSC,,CfP·C-C—, PjP»
4	46	50
8	92	100
20	230	250
40	460	500

PμC-CfP»Cf C_ТPsP·PIPμPrPμPSPSCf C_ТPsP·C†PēPS PsP±PμC_ТPμP_ПPSPs CfC,C_ТCfCfPēC,Pē,
C%PsP± P·P°P±PμP·PiPμC†PēC,Pē C_ТC-PiPSPsPjC-C_ТPSPμ PiPμC_ТPμPjC-C€CfPIP°PSPSCf.

PμPμC_ТPμPr P·P°CfC,PsCfCfPIP°PSPSCfPj PiC_ТPμPiP°C_ТP°C,Pē PrP»Cf
PiP°C_ТPμPSC,PμC_ТP°P»CH_ВPSPsPiPs P·P°CfC,PsCfCfPIP°PSPSCf CfP»C-Pr
PIC-P·CfP°P»CH_ВPSPs PiPμC_ТPμPIC-C_ТPēC,Pē PSP° PSP°CfPIPSC-CfC,CH
CfC,PsC_ТPsPSPSC-C... C†P°CfC,PsPe C,P° P·PjC-PSPē PePsP»CH_ВPsC_ТCf.

P_ЛPIP°PSP°PrPμPeCf CfCfPjC-CfPSPēPN₂ P· C,P°PePēPjPē
PIPSCfC,C_ТC-C€PSC_ВPsPIPμPSPSPēPjPē C_ТPsP·C†PēPSP°PjPē C,P° PiC_ТPμPiP°C_ТP°C,P°PjPē:
P»P°PeC,P°C,PSPēPN₂ C_ТPsP·C†PēPS P C-PSPiPμC_ТP°, 5 % C_ТPsP·C†PēPS PiP»C_ТPePsP·Pē, 0,9 %
C_ТPsP·C†PēPS PSP°C,C_ТC-C_ТC...P»PsC_ТPēPrCf, 20 % PjP°PSC-C,PsP», P°C,C_ТPsPiC-PSCf
CfCfP»CH_В,P°C,, PrPsPiP°PjC-PS, PSPsC_ТP°PrC_ТPμPSP°P»C-PS, PrPsP±CfC,P°PjC-PS,
PjC-PrP°P·PsP»P°Pj, PjPsC_ТC,,C-PSCf CfCfP»CH_В,P°C,, C,,PμPSC,P°PSC-P»Cf C†PēC,C_ТP°C, C-
P·P°PjC-PSPSPēPe PiP»P°P·PjPē.

P'CfPrCH-CfPeC- P·P°P»PēC€PePē P»C-PeP°C_ТCfCH_ВPePsPiPs P·P°CfPs±Cf P°P±Ps
PIPēPePsC_ТPēCfC,P°PSC- PjP°C,PμC_ТC-P°P»Pē CfP»C-Pr CfC,PēP»C-P·CfPIP°C,Pē
PIC-PrPiPsPIC-PrPSPs PrPs C†PēPSPSPēC... PIPēPjPsPi.

P''C-C,Pē

P'PμP·PiPμPeP° C,P° PμC,,PμPeC,PēPIPSC-CfC,CH P»C-PeP°C_ТCfCH_ВPePsPiPs P·P°CfPs±Cf
P_ЛPIP°PSP°PrPμPeCf Cf PrC-C,PμPN₂ (PIC-PePsPj PIC-Pr 0 PrPs 18 C_ТPsPeC-PI) PSPμ
PICfC,P°PSPsPIP»PμPSC-. P''P°PSC- C%PsPrPs P·P°CfC,PsCfCfPIP°PSPSCf PrC-C,CfPj
PSP°PIPμPrPμPSC- Cf C_ТPsP·PrC-P»P°C... B«PαP°C_ТPjP°PePsP»PsPiC-C†PSC-
PIP»P°CfC,PēPIPsCfC,C-B» C,P° B«PμPsP±C-C†PSC- C_ТPμP°PeC†C-C—B», P°P»Pμ

$\text{C}\overline{\text{T}}\text{P}\mu\text{P}\epsilon\text{P}\text{sP}\text{jP}\mu\text{P}\text{sP}\text{rP}^{\circ}\text{C}\dagger\text{C}-\text{C}-\text{C}\%_{\text{o}}\text{P}\text{sP}\text{rP}\text{sP}\text{rP}\text{sP}\cdot\text{C}\acute{\text{r}}\text{P}\text{I}\text{P}^{\circ}\text{P}\text{S}\text{P}\text{S}\text{C}\overline{\text{I}}\text{I}\text{P}\text{S}\text{P}\mu\text{P}\text{jP}\text{sP}\overline{\text{I}}\text{I}\text{C}\acute{\text{r}}\text{C},\text{C}\overline{\text{H}}\text{P}\pm\text{C}\acute{\text{r}}\text{C},\text{P}\overline{\text{e}}\text{P}\text{S}\text{P}^{\circ}\text{P}\text{rP}^{\circ}\text{P}\text{S}\text{C}-.$

PuPμCḤPμPḡPsP·CǎPIP°PSPSCḲ

PŸPëPjPïC,PsPjPë

Pj PeP»C-PSC-C†PSPëC... C,P° PI PìPsCíC,PjP°CĤPePuC,PëPSPiPsPIPëC...
PrPsCíP»C-PrP¶PµPSPSCĬC... PìPsPIC-PrPsPjP»CĬP»Pë PìCĤPs PeC-P»CĤPeP°
PIPëPìP°PrPeC-PI PìPµCĤPµPrPsP·CíRIP°PSPSCĬ PrPµPeCíPjPµPrPµC,PsPjC-PrPëPSCí.
PëRIPëPrPeC-CíC,CĤ C-PSC,,CíP·C-PNë PrPµPeCíPjPµPrPµC,PsPjC-PrPëPSCí, PìCĤPs CĬPeCí
PìPsPIC-PrPsPjP»CĬP»Pë PI C†PëC... PIPëPìP°PrPeP°C..., CíCĬPiP°P»P° 60 PjPePi/PePi/PìPsPr
PìCĤPsC,CĬPiPsPj 36 C...PIPëP»PëPS C,P° 30 PjPePi/PePi/PìPsPr PìCĤPsC,CĬPiPsPj 15
C...PIPëP»PëPS Cí 20-PjC-CíCĬC†PSPsC— PrPëC,PëPSPë C,P° Cí PrPsCĤPsCíP»PsPiPs
PIC-PrPìPsPIC-PrPSPs. PíP°PMëC†P°CíC,C-CëC- PìPsP±C-C†PSC- CĤPµP°PeC†C-C—, PìCĤPs
CĬPeC- PìPsPIC-PrPsPjP»CĬP»Pë Cí P·PIBĤ™ CĬP·PeCí P· PìPµCĤPµPrPsP·CíRIP°PSPSCĬPj,
PIPeP»CĤC†P°CĤC,CĤ P±CĤP°PrPëPeP°CĤPíC-CĤ, P°CĤC,PµCĤC-P°P»CĤPSCí
PiC-PìPsC,PµPSP·C-CĤ, P°CĤC,PµCĤC-P°P»CĤPSCí PiC-PìPµCĤC,PµPSP·C-CĤ,
PSP°PrPjC-CĤPSCí CíPµPrP°C†C-CĤ, PìCĤPëPiPSC-C†PµPSPSCĬ PrPëC...P°PSPSCĬ C,P°
P·CíPìPëPSPeCí CíPµCĤC†CĬ.

P>C-PeCr'PIP°PSPSCI

Pj PIPëPiP°PrPeP°C... PiPµCḤPµPrPsP·CfPIP°PSPSCḤ P·PeP»C-PSC-CḥPSPëPjPë
CfPëPjPiC,PsPjP°PjPë C-PSC,,CfP·C-CḤ P»C-PeP°CḤCfCḤPePsPiPs P·P°CfPsP±Cf CfP»C-Pr
P·PjPµPSCëPëC,Pë P°P±Ps PiCḤPëPiPëPSPëC,Pë. PµPµCḤPµPIP°P¶PSPs
PsCḥC-PeCfCḤC,CḤCfCḤ CfPµCḤCḥPµPIPs-CfCfPrPëPSPSC- PµC,,PµPeC,Pë, CḤPeC- CfP»C-Pr
P»C-PeCfPIP°C,Pë P·P° PeP»C-PSC-CḥPSPëPjPë PiPsPeP°P·P°PSPSCḤPjPë (PrPëPl. CḤPsP·PrC-P»
B«PhCfPsP±P»PëPIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSCḤB»). PµCḤPë PIPëCfPsPeC-PNḥ
PePsPSCḥPµPSC,CḤP°CḥC- P°CḤC,PµCḤC-P°P»CḤPSP° PiC-PiPµCḤC,PµPSP·C-CḤ PjPsP¶Pµ
P±CfC,Pë P±C-P»CḤCë PIPëCḤP°P¶PµPSPsCḤ, PSC-P¶ PiC-PiPsC,PµPSP·C-CḤ. Pj
PeP»C-PSC-CḥPSPëC... PrPsCfP»C-PrP¶PµPSPSCḤC... PIPëPiP°PrPePë P·CfPiPëPSPePë
CfPëPSCfCfPsPIPsPiPs PICfP·P»P° P±CfP»Pë C,CḤP°PSP·PëC,PsCḤPSPëPjPë P°P±Ps
PiC-PrPrP°PIP°P»PëCfCḤ P»C-PeCfPIP°PSPSCḤ P°C,CḤPsPiC-PSPsPj P°P±Ps
PiP»C-PePsPiC-CḤPsP»P°C,PsPj. P' PsPeCḤPµPjPëC... PIPëPiP°PrPeP°C... C,CḤP¶PePsPiPs
PiPµCḤPµPrPsP·CfPIP°PSPSCḤ, CḤPePµ PiCḤPëP·PIPsPrPëP»Ps PrPs P·CfPiPëPSPePë
CfPµCḤCḥCḤ, P±CfP»Pë PiPsC,CḤC-P±PSC- CḤPµP°PSC-PjP°CḥC-PNḥPSC- P·P°C...PsPrPë.

$PuPsP_{\pm}C-C\sharp PSC-C\bar{H}P_{\mu}P^{\circ}P_{\epsilon}C\sharp C-C-$

PŸPuPr°C†C-Cl PrPsCĤPsCĴP»PëC... PĴP°C†C-°PSC,C-PI Cr PIC-PrPrC-P»PuPSPSC-
C-PSC,PuPSCĴPëPIPSPsC— C,PuCĤP°PĴC-C—

$\text{P}_{\mu}\text{P}\text{S}\pm\text{C}-\text{C}\ddagger\text{PSP}\ddot{\text{P}}\text{PjP}\ddot{\text{e}}\text{C}\ddot{\text{H}}\text{P}_{\mu}\text{P}^{\circ}\text{PeC}\ddagger\text{C}-\text{C}\ddot{\text{I}}\text{PjP}\ddot{\text{e}}, \text{P}\ddot{\text{i}}\text{C}\ddot{\text{H}}\text{Ps}\text{C}\ddot{\text{I}}\text{PeC}-\text{PSP}^{\circ}\text{PN}_{\text{e}}\text{C}\ddagger\text{P}^{\circ}\text{C}\ddot{\text{I}}^{\text{C}}, \text{C}-\text{C}\ddot{\text{e}}\text{P}_{\mu}$
 $\text{P}\ddot{\text{i}}\text{PsPIC}-\text{PrPsPjP}\gg\text{C}\ddot{\text{I}}\text{P}\gg\text{P}\ddot{\text{e}}\text{P}\ddot{\text{i}}\text{C}\ddot{\text{H}}\text{P}\ddot{\text{e}}\text{P}^{\circ}\text{C}\ddot{\text{I}}^{\text{C}}, \text{PsC}\ddot{\text{I}}^{\text{C}}\text{rPIP}^{\circ}\text{PSPSC}-$
 $\text{PrP}_{\mu}\text{PeC}\ddot{\text{I}}^{\text{P}}\text{PjP}_{\mu}\text{PrP}_{\mu}\text{C}, \text{PsPjC}-\text{PrP}\ddot{\text{e}}\text{PSCrPI}\text{CfPjPsPIP}^{\circ}\text{C}\dots \text{PIC}-\text{PrPrC}-\text{P}\gg\text{P}_{\mu}\text{PSPSC}\ddot{\text{I}}$
 $\text{C}-\text{PSC}, \text{P}_{\mu}\text{PSC}\ddot{\text{I}}^{\text{P}}\ddot{\text{e}}\text{PIPSPsC}-\text{C}, \text{P}_{\mu}\text{C}\ddot{\text{H}}\text{P}^{\circ}\text{P}\ddot{\text{i}}\text{C}-\text{C}, \text{C}''\text{PiC}-\text{P}\ddot{\text{i}}\text{PsC}, \text{P}_{\mu}\text{PSP}\cdot\text{C}-\text{C}\ddot{\text{I}},$
 $\text{P}\ddot{\text{i}}\text{C}-\text{P}\ddot{\text{i}}\text{P}_{\mu}\text{C}\ddot{\text{H}}\text{C}, \text{P}_{\mu}\text{PSP}\cdot\text{C}-\text{C}\ddot{\text{I}}\text{C}, \text{P}^{\circ}\text{P}\pm\text{C}\ddot{\text{H}}\text{P}^{\circ}\text{PrP}\ddot{\text{e}}\text{PeP}^{\circ}\text{C}\ddot{\text{H}}\text{PrC}-\text{C}\ddot{\text{I}}, \text{C}\ddot{\text{I}}\text{PeC}-\text{PIP}\ddot{\text{e}}\text{PSP}\ddot{\text{e}}\text{PeP}^{\circ}\text{C}\ddot{\text{H}}\text{C}, \text{C}\ddot{\text{H}}$

PiC7P6P±P»P6P·PSPs Cr 25 %, 15 % C,P° 13 % PiP°C†C-C”PSC,C-PI PIC-PrPiPsPIC-PrPSPs.

P”C-PiPsC,PuPSP·C-CI C,P° P±C7P°PrP6PeP°C7PrC-CI C,P°PePsP¶ P±CrP»P6
PSP°PN6C†P°C†C,C-C6P6PjP6 C†PuC7PN6PsP·PSP6PjP6 PiPsP±C-C†PSP6PjP6
C7PuP°PeC†C-CI PjP6, PiPsPi67™ CI P·P°PSP6PjP6 P· PrPuPeC†PjPuPrPuC,PsPjC-PrP6PSPsPj,
CI PeC- PIP6PSP6PeP°P»P6 Cr 1,7 % C,P° 0,9 % C7P°PSPrPsPjC-P·PsPIP°PSP6C...
PiP°C†C-C”PSC,C-PI P’P6P P†P6.

PuC7PsC†PuPrCrC7PSP° C†PuPrP°C†C-CI / C†PuPrP°C†C-CI PI C†PIC-PrPsPjPsC†C,C-

PuPsP±C-C†PSC- C7PuP°PeC†C-C—, PiC7Ps CI PeC- PSP°PN6C†P°C†C,C-C6Pu
PiPsPIC-PrPsPjP»CI P»P6 PiC7P6 P·P°C†C,PsC†C†PIP°PSPSC-
PrPuPeC†PjPuPrPuC,PsPjC-PrP6PSC† PiC7P6 PiC7PsC†PuPrCrC7PSC-PN6 C†PuPrP°C†C-C—,
P·P°P·PSP°C†PuPSC- PSP6P¶C†Pu (Cr PiC7PsC,PsPePsP»P°C... PrPsC†P»C-PrP¶PuPSPSC¶
C,,P°P·P6 III PjC-C†C,P6P»P6C†C6 PiPsPiPuC7PuPrPSC6Ps PIP6P·PSP°C†PuPSC-
PiC7P°PSP6C†PSC- C7C-PI PSC- P·PjC-PS P°C7C,PuC7C-P°P»C6PSPsPiPs C,P6C†PeC†,
C†P°C†C,PsC,P6 PrP6C...P°PSPSC¶ C- C†P°C†C,PsC,P6 C†PuC7C†PuPIP6C...
C†PePsC7PsC†PuPSC6, C°°Ps PSP°P»PuP¶P°C,C6 PrPs PiPsP±C-C†PSP6C... PuC,,PuPeC,C-PI):

– PiC-PiPsC,PuPSP·C-CI (55 % Cr PiC7C†PiC- PrPuPeC†PjPuPrPuC,PsPjC-PrP6PSC†
PiPsC7C-PI PSC¶PSPs P· 30 % Cr PiC7C†PiC- PiP»P°C†PuP±Ps, CI PeC- PrPsPrP°C,PePsPIPs
PsC,C7P6PjC†PIP°P»P6 PjC-PrP°P·PsP»P°Pj C- C,,PuPSC,P°PSC-P»);

– PiC7P6PiPSC-C†PuPSPSC¶ PrP6C...P°PSPSC¶ (38 % Cr PiC7C†PiC-
PrPuPeC†PjPuPrPuC,PsPjC-PrP6PSC† PiPsC7C-PI PSC¶PSPs P· 35 % Cr PiC7C†PiC-
PiP»P°C†PuP±Ps, CI PeC- PrPsPrP°C,PePsPIPs PsC,C7P6PjC†PIP°P»P6 PjC-PrP°P·PsP»P°Pj C-
C,,PuPSC,P°PSC-P»);

– P±C7P°PrP6PeP°C7PrC-CI (14 % Cr PiC7C†PiC-
PrPuPeC†PjPuPrPuC,PsPjC-PrP6PSC† PiPsC7C-PI PSC¶PSPs P· 4 % Cr PiC7C†PiC-
PiP»P°C†PuP±Ps, CI PeC- PrPsPrP°C,PePsPIPs PsC,C7P6PjC†PIP°P»P6 PjC-PrP°P·PsP»P°Pj C-
C,,PuPSC,P°PSC-P»).

PuPsP±C-C†PSC- C7PuP°PeC†C-C—, PiPuC7PuP»C-C†PuPSC- PSP6P¶C†Pu, PsC,C7P6PjP°PSC-
P·P° C7PuP·C†P»C6C,P°C,P°PjP6 PsP±C”PrPSP°PSP6C... PrP°PSP6C... P· PeP»C-PSC-C†PSP6C...
PrPsC†P»C-PrP¶PuPSC6 Cr PiP°C†C-C”PSC,C-PI P· P’P6P P†P6. P6P°C†C,PsC,P°
PIP6PSP6PePSPuPSPSC¶ PiPsP±C-C†PSP6C... C7PuP°PeC†C-PN6 PIP6P·PSP°C†P°C,C6C†CI
P·P° C,P°PeP6PjP6 PeP°C,PuPiPsC7C-CI PjP6: PrC†P¶Pu C†P°C†C,Ps (≥ 1/10); C†P°C†C,Ps (≥
1/100, < 1/10); PSPuC†P°C†C,Ps (≥ 1/1000, < 1/100); C7C-PrPePs (≥ 1/10000, < 1/1000);
PrC†P¶Pu C7C-PrPePs (< 1/10000), C†P°C†C,PsC,P° PSPuPIC-PrPsPjP° (PSPuPjPsP¶P»P6PIPs
PsC†C-PSP6C,P6 PSP° PsC†PSPsPIC- PSP°CI PIPSP6C... PrP°PSP6C...).

P·PSPrPsPeC7P6PSPSC- C7PsP·P»P°PrP6

P6P°C†C,PsC,P° PSPuPIC-PrPsPjP°: PSPuC†C†PeC7PsPIP6PN6 PrC-P°P±PuC,,.

PuPsC7C†C6PuPSPSC¶ PsP±PjC-PSC† C7PuC†PsPIP6PS, PjPuC,P°P±PsP»C-P·PjC†

P6P°C†C,Ps: PiC-PiPuC7PiP»C-PePuPjC-CI, PiC-PiPsPiP»C-PePuPjC-CI.

*P6PuC†P°C†C,Ps: PjPuC,P°P±PsP»C-C†PSP6PN6 P°C†P6PrPsP·,
PiC-PiPsP°P»C6P±C†PjC-PSPuPjC-CI.*

P_μC_ΓP_ëC...C-C_‡PSC- C_ḡPsP·P»P°PrP_ë

P§P°C_ΓC,Ps: P°P_¶P_ëC,P°C_†C-C_¶.

P_κP_μC_‡P°C_ΓC,Ps: P_iP°P»C_ḡC_†P_ëPSP°C_†C-C—.

P— P±PsPeC_Γ C_ΓP_μC_ḡC_†C_¶

P°C_‡P_¶P_μ C_‡P°C_ΓC,Ps: P±C_ḡP°PrP_ëPeP°C_ḡPrC-C_¶^{1,2}.

P§P°C_ΓC,Ps: C-C_€P_μP_jC-C_¶ P°P±Ps C-PSC,,P°C_ḡPeC, P_jC-PsPeP°C_ḡPrP°, C,P°C...C-PeP°C_ḡPrC-C_¶.

P_κP_μC_‡P°C_ΓC,Ps: P°C,C_ḡC-PsP_iP_μPSC,C_ḡP_ëPeC_ΓP»C_¶C_ḡPSP° P±P»PsPeP°PrP°¹, P·P_jP_μPSC_€P_μPSPSC_¶ C...P_iP_ëP»P_ëPSPSPsP_iPs PsP±B_ḡ[™] C°P_jC_Γ C_ΓP_μC_ḡC_†C_¶, P·C_ΓP_iP_ëPSPPeP° C_ΓP_μC_ḡC_†C_¶¹.

P_ŸC_ΓPrP_ëPSPSC- C_ḡPsP·P»P°PrP_ë

P°C_‡P_¶P_μ C_‡P°C_ΓC,Ps: P_iC-P_iPsC,P_μPSP·C-C_¶^{1,2}, P_iC-P_iP_μC_ḡC,P_μPSP·C-C_¶^{1,2}.

P— P±PsPeC_Γ PrP_ëC...P°P»C_ḡHPSPsC— C_ΓP_ëC_ΓC,P_μP_jP_ë, PsC_ḡP_iP°PSC-PI P_iC_ḡC_ΓPrPSPsC— PeP»C-C,PeP_ë C,P° C_ΓP_μC_ḡP_μPrPsC_ΓC,C-PSPSC_¶

P°C_‡P_¶P_μ C_‡P°C_ΓC,Ps: P_iC_ḡP_ëP_iPSC-C_‡P_μPSPSC_¶ PrP_ëC...P°PSPSC_¶^{2,3}.

P_κP_μC_‡P°C_ΓC,Ps: PrP_ëC_ΓP_iPSPsP_μ, P°P_iPSPsP_μ.

P_ëP»C_ΓPSPePsP_iPs-PeP_ëC_€PePsPIC- C_ḡPsP·P»P°PrP_ë

P§P°C_ΓC,Ps: PSC_ΓPrPsC,P°², P±P»C_ḡP_iP°PSPSC_¶, C_ΓC_ΓC...C-C_ΓC,C_ḡ C_Γ C_ḡPsC,C-².

P_κP_μC_‡P°C_ΓC,Ps: P·PrC_ΓC,C,C_¶ P_¶P_ëP_iPsC,P°.

P—P°P_iP°P»C_ḡHPSC- P_iPsC_ḡC_€P_μPSPSC_¶ C- C_ḡP_μP°PeC_†C-C— C_Γ P_jC-C_ΓC_†C- P_iP_iP_μPrP_μPSPSC_¶

P§P°C_ΓC,Ps: C_ΓP_ëPSPPrC_ḡPsP_j PIC-PrP_jC-PSP_ë, P_iC-P_iP_μC_ḡC,P_μC_ḡP_jC-C_¶.

P_κP_μC_‡P°C_ΓC,Ps: PSP_μP_μC,,P_μPeC,P_ëP_iPSC-C_ΓC,C_ḡ P»C-PeP°C_ḡC_ΓC_ḡPePsP_iPs P·P°C_ΓPsP±C_Γ, C_ΓP_iC_ḡP°P_iP°.

¹ P°P_ëPI. B«P_hP_iP_ëC_Γ PsPeC_ḡP_μP_jP_ëC... P_iPsP±C-C_‡PSP_ëC... C_ḡP_μP°PeC_†C-PN_ëB» PSP_ëP_¶C_‡P_μ.

² P_μPsP±C-C_‡PSP° C_ḡP_μP°PeC_†C-C_¶ C_ΓP_iPsC_ΓC,P_μC_ḡC-P_iP°P»P°C_ΓC_¶ C,P°PePsP_¶ C_Γ PrPsC_ΓP»C-PrP_¶P_μPSPSC_¶C... P_iC_ḡPsC_†P_μPrC_ḡPSPsC— C_ΓP_μPrP°C_†C-C—.

³ P§P°C_ΓC,PsC,P° B«C_‡P°C_ΓC,PsB» C_Γ PrPsC_ΓP»C-PrP_¶P_μPSPSC_¶C... PI C_ΓP_jPsP_iP°C... PIC-PrPrC-P»P_μPSPSC_¶ C-PSC,P_μPSC_ΓP_ëP_iPSPsC— C,P_μC_ḡP°P_iC-C—.

P_hP_iP_ëC_Γ PsPeC_ḡP_μP_jP_ëC... P_iPsP±C-C_‡PSP_ëC... C_ḡP_μP°PeC_†C-PN_ë

РлР»С-РSC-С†PSPs Р·PSP°С†С†С%оС- РiС-РiРsС,РμPSP·С-Сћ С,Р° Р±СћР°РrРёРёР°СћРrС-Сћ
С†Р»С-Рr Р»С-РёС†РiР°С,Рё, СiРё РiРёР°Р·Р°PSPs Рi СћРsР·РrС-Р»С-
В«РћС†РsР±Р»РёРiРsС†С,С- Р·Р°С†С,РsС†С†РiР°PSPSCiВ».

PJ РiС-РrPSPsС†PSPs Р·РrРsСћРsРiРёС... РrРsР±СћРsРiРsР»СћС†С-Рi, СiРёС- РSPμ
Р·PSP°С...РsРrРёР»РёС†Сi С† РiС-РrРrС-Р»РμPSPSC- С-РSC,РμPSC†РёРiРsРsС—
С,РμСћР°РiС-С—, РiСћРё Р·Р°С†С,РsС†С†РiР°PSPSC- Р»С-РёР°СћС†СћРёРsРiРs Р·Р°С†РsР±С†
Р±СћР°РrРёРёР°СћРrС-Сi С-PSPsРrС- РiСћРёР·РiРsРrРёР»Р° РrРs РiСћРёРёРiРёPSPμPSPSCi
Р°РёС,РёРiРsРsС†С,С- С†РёPSC†С†РsРiРsРiРs РiС†Р·Р»Р° Р°Р±Рs С†РёPSC†С†РsРiРsС—
РiР°С†Р·Рё. РŸРёРjРiС,РsРjРё С†С†С†РiР°Р»РёС†Сi РiС-С†Р»Сi РiС-РrPSCiС,С,Сi
PSPёP¶PSC-С... РёС-РSC†С-РiРsРё С,Р° Р·Р°С†С,РsС†С†РiР°PSPSCi
Р°PSC,РёС...РsР»С-PSPμСћРiС-С†PSPёС... Р·Р°С†РsР±С-Рi, С,Р°РёРёС... СiРё Р°С,СћРsРiС-РS
Р°Р±Рs РiР»С-РёРsРiС-СћРsР»Р°С, Р' РsРёСћРμРjРёС... РiРёРiР°РrРёР°С...
Р±СћР°РrРёРёР°СћРrС-Сi РiСћРsРiСћРμС†С†РiР°Р»Р° РrРs РiРμСћС-РsРrС-Рi
Р°С†РёС†С,РsР»С-С— С† РiР°С†С-С"РSC,С-Рi, СiРёС- СћР°PSC-СёРμ С†С,СћР°Р¶РrР°Р»РёР»РёР»Рё
PSP° Р±СћР°РrРёРёР°СћРrС-Сћ. РŸР°РёРsР¶ РiРsРiС-РrРsРjР»СiР»Р»РsС†Сi РiСћРs
РiРёРiР°РrРёРё Р·С†РiРёРsРёРё С†РμСћС†Сi, С†Р°С†С,Рs Р· РiРsРiРμСћРμРrPSCћРsСћ
Р±СћР°РrРёРёР°СћРrС-С"Сћ Р°Р±Рs Р°С,СћС-РsРiРμPSC,СћРёРёС†Р»СiСћРsРsСћ
Р±Р»РsРёР°РrРsСћ.

РћСћС,РμСћС-Р°Р»СћPSP° РiС-РiРμСћС,РμPSP·С-Сi Р°С†РsС†С-СћРiР°Р»Р°Р»Р°С†Сi С-Р·
Р·Р°С†С,РsС†С†РiР°PSPSCiРj PSP°РiР°PSC,Р°Р¶С†РiР°Р»Р°СћPSPsС— РrРsР·Рё. РiСћ
СћРμР°РёС†С-Сћ РjРsР¶PSP° Р·РjРμPSCёРёС,Рё, СiРёС%оРs С†PSPёРёР°С,Рё
Р·Р°С†С,РsС†С†РiР°PSPSCi PSP°РiР°PSC,Р°Р¶С†РiР°Р»Р°СћPSPsС— РrРsР·Рё Р°Р±Рs
Р·PSPёР·РёС,Рё СёРiРёРrРёС-С†С,Сћ С-РSC,,С†Р·С-С—, Р°Р±Рs Р·РjРμPSCёРёС,Рё
PSP°РiР°PSC,Р°Р¶С†РiР°Р»Р°СћPSC† РrРsР·С†.

Р"С-С,Рё

РμСћРё С,СћРёРiР°Р»Р»РsС†С,С- РiРiРμРrРμPSPSCi РrРs 24 РiРsРrРёРs С† РiР°С†С-С"РSC,С-Рi
РiС-РёРsРj РiС-Рr 1 РjС-С†СiС†Сi, РiРμСћРμРiР°Р¶PSPs
РiС-С†Р»СiРsРiРμСћР°С†С-Р№PSPёС..., С%оРs Р·PSP°С...РsРrРёР»РёС†Сi С†
РiС-РrРrС-Р»РμPSPSCiС... С-РSC,РμPSC†РёРiРsРsС— С,РμСћР°РiС-С—,
Р»С-РёР°СћС†СћРёРёР№ Р·Р°С†С-Р± РrРμРjРsPSC†С,СћС†РiР°Рi РiСћРsС,,С-Р»Сћ
Р±РμР·РiРμРёРё, РiРsРrС-Р±PSPёР№ РrРs РiСћРsС,,С-Р»Сћ Р±РμР·РiРμРёРё С†
РrРsСћРsС†Р»РёС... Р"Р°PSC- С%оРsРrРs PSPsРiРsPSP°СћРsРrР¶РμPSPёС... (С%оРs
PSP°СћРsРrРёР»Р»РsС†Сi С† С,РμСћРjС-РS РiС-Рr 28 РrРs 44 С,РёР¶PSC-Рi РiРμС†С,Р°С†С-С—)
РsР±РjРμР¶РμPSC-, Р·РsРёСћРμРjР° РjРμР¶Р°РjРё РiС-РrС,СћРёРjС†РiР°Р»Р»СћPSPsС— РrРsР·Рё
≤ 0,2 РjРёРi/РёРi/РiРsРr. Р' Р»С-С,РμСћР°С,С†СћС- РsРiРёС†Р°PSPёР№ РsРrРёРs
РiРёРiР°РrРsРё РiС-РiРsС,РμСћРjС-С†PSPsС— Р±СћР°РrРёРёР°СћРrС-С— С†
PSPsРiРsPSP°СћРsРrР¶РμPSPsРiРs.

РμРsРiС-РrРsРjР»РμPSPSCi РiСћРs РiРsР±С-С†PSC- СћРμР°РёС†С-С—

РμРsРiС-РrРsРjР»РμPSPSCi РiСћРs РiРsР±С-С†PSC- СћРμР°РёС†С-С— РiС-С†Р»Сi
СћРμС"С†С,СћР°С†С-С— Р»С-РёР°СћС†СћРёРsРiРs Р·Р°С†РsР±С† РjР°С"
РiР°Р¶Р»РёРiРμ Р·PSP°С†РμPSPSCi. РiРμ РrР°С" Р·РjРsРiС† РiСћРsРiРsРrРёС,Рё
РjРsPSC-С,РsСћРёРsРi С†РiС-РiРiС-РrPSPsСёРμPSPSCi РёРsСћРёС†С,Сћ/СћРёР·РёРё
РiСћРё Р·Р°С†С,РsС†С†РiР°PSPSC- С†СћРsРiРs Р»С-РёР°СћС†СћРёРsРiРs
Р·Р°С†РsР±С†. РћРμРrРёС†PSPёРj С,Р° С,,Р°СћРjР°С†РμРiС,РёС†PSPёРj
РiСћР°С†С-РiРsРёРёРj, Р° С,Р°РёРsР¶ РiР°С†С-С"РSC,Р°Рj Р°Р±Рs С—С...PSC-Рj

P·P°PePsPSPSPëPj PïCḡPμPrCḡC,P°PIPSPëPeP°Pj CḡP»C-Pr PïPsPIC-PrPsPjP»CḡC,Pë
PïCḡPs CḡCḡC- PIPëPïP°PrPePë PïC-PrPsP·CḡCḡPIP°PSPëC... PïPsP±C-CḡPSPëC...
CḡPμP°PeCḡC-PNë C,P° PIC-PrCḡCḡC,PSPsCḡC,C- PμC,,PμPeC,PëPIPSPsCḡC,C-
P»C-PeP°CḡCḡCḡPePsPiPs P·P°CḡPsP±Cḡ CḡPμCḡPμP· PḡPIC,PsPjP°C,PëP·PsPIP°PSCḡ
C-PSC,,PsCḡPjP°CḡC-PNëPSCḡ CḡPëCḡC,PμPjCḡ P· C,,P°CḡPjP°PePsPSP°PiP»CḡPrCḡ P·P°
PïPsCḡPëP»P°PSPSCḡPj: <https://aisf.dec.gov.ua>

PḡPμCḡPjC-PS PïCḡPëPrP°C,PSPsCḡC,C-. 2 CḡPsPePë.

PjPjPsPIPë P·P±PμCḡC-PiP°PSPSCḡ

P—P±PμCḡC-PiP°C,Pë PïCḡPë C,PμPjPïPμCḡP°C,CḡCḡC- PSPμ PIPëC%Pμ 25 B°Pḡ PI
PsCḡPëPïC-PSP°P»CḡPSC-PNë CḡPïP°PePsPICḡC-. PḡCḡPëPjP°C,Pë P°PjPïCḡP»Pë Cḡ PïP°CḡCḡC-
P· PeP°CḡC,PsPSCḡ PrP»Cḡ P·P°C...PëCḡC,Cḡ PIC-Pr PrC-C— CḡPIC-C,P»P°.

P—P±PμCḡC-PiP°C,Pë Cḡ PSPμPrPsCḡC,CḡPïPSPsPjCḡ PrP»Cḡ PrC-C,PμPNë PjC-CḡCḡC-.

PḡPμCḡCḡPjC-CḡPSC-CḡC,Cḡ

PiPμPNë P»C-PeP°CḡCḡCḡPePëPNë P·P°CḡC-P± PSPμ CḡP»C-Pr P·PjC-CḡCḡPIP°C,Pë P·
C-PSCḡPëPjPë P»C-PeP°CḡCḡCḡPePëPjPë P·P°CḡPsP±P°PjPë, PeCḡC-Pj C,PëC..., C%Ps
P·P°P·PSP°CḡPμPSC- PI CḡPsP·PrC-P»C- B«PḡPïPsCḡC-P± P·P°CḡC,PsCḡCḡPIP°PSPSCḡ
C,P° PrPsP·PëB».

P°PsCḡP»C-PrPḡPμPSPSCḡ CḡCḡPjC-CḡPSPsCḡC,C- PïPsPeP°P·P°P»Pë PïPsC,PμPSCḡC-P°P»
P°PrCḡPsCḡP±CḡC-C— PrPμPeCḡPjPμPrPμC,PsPjC-PrPëPSCḡ PrPs PrPμCḡPePëC... PIPëPrC-PI
PïCḡPëCḡPsPrPSPsPiPs PeP°CḡCḡCḡPeCḡ. PḡPμP·PIP°PḡP°CḡCḡPë PSP° C,Pμ, C%Ps
PrPμPeCḡPjPμPrPμC,PsPjC-PrPëPS PrC-C” PrPsP·PsPIP°PSPs, PrPsCḡC-P»CḡPSPs
PIPëPePsCḡPëCḡC,PsPICḡPIP°C,Pë CḡPëPSC,PμC,PëCḡPSC- PePsPjPïPsPSPμPSC,Pë P°P±Ps
PïCḡPsPeP»P°PrPePë P· PSP°C,CḡCḡP°P»CḡPSPsPiPs PeP°CḡCḡCḡPeCḡ P· PïPsPeCḡPëC,C,CḡPj.

PjPïP°PePsPIPëP°. PμPs 2 PjP» PI P°PjPïCḡP»C-; PïPs 5 P°PjPïCḡP» Cḡ
PePsPSC,CḡCḡPSC-PNë CḡP°CḡCḡPSPePsPIC-PNë CḡPïP°PePsPICḡC-; PïPs 1
PePsPSC,CḡCḡPSC-PNë CḡP°CḡCḡPSPePsPIC-PNë CḡPïP°PePsPICḡC- PI PïP°CḡCḡC- P·
PeP°CḡC,PsPSCḡ.

PḡP°C,PμPiPsCḡC-Cḡ PIC-PrPïCḡCḡPeCḡ. P—P° CḡPμCḡPμPïC,PsPj.

P°PëCḡPsP±PSPëPe. PḡPhP’ B«PḡCḡC-Cḡ-PḡP°CḡPjB».

**РњС-СГС†РμР·PSP°С...PsPrP¶PμPSPSC¶ PIPëCЪPsP±PSPëPеР° С,Р° Р°PrCЪPμCГР°
PjC-СГС†C¶ PïCЪPsPIР°PrP¶PμPSPSC¶ PN№PsPiPs PrC-С¶P»CHъPSPsCГC,C-.**
PJPeCЪP°С—PSP°, 18030, P§PμCЪPeP°CГЧъPeP° PsP±P»., Pj. P§PμCЪPeP°CГРë, PICГP».
РљPsP±P·P°CЪCГЧъPeP°, 108.

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