

PsC...PsPİP»CĤC": PİP°CĤC†C-P°P»CḤPSC- PSP°PİP°PrPë (PİCĤPsCÍC,C- C-
PePsPjPİP»PµPeCÍPSC-) C-P· PIC,PsCĤPëPSPSPsCĤ PiPµPSPµCĤP°P»C-P·P°C†C-C"Ĥ C,P°
P±PµP· PSPµC—; PiPµPSPµCĤP°P»C-P·PsPIP°PSC- C,PsPSC-PePs-PeP»PsPSC-C†PSC-
CÍC†PrPsPjPSC- PSP°PİP°PrPë, P° C,P°PePsP¶ PePsPjP±C-PSP°C†C-C— PİPeP°P·P°PSPëC...
C,PëPİC-PI PSP°PİP°PrC-PI.

PĤPµC...P°PSC-P·Pj PrC-C— PeP°CĤP±P°PjP°P·PµPİC-PSCÍ BĤ" P°PeC,PëPIPSPsC—
CĤPµC†PsPIPëPSPë PİCĤPµPİP°CĤP°C,C† PĤP°CĤP±P°PjP°P·PµPİC-PSB BĤ"
P·BĤ™ CÍCÍPsPIP°PSPëPNë P»PëC€Pµ C†P°CÍC,PePsPIPs. PĤP°CĤP±P°PjP°P·PµPİC-PS
CÍC,P°P±C-P»C-P·C†C" PjPµPjP±CĤP°PSPë PSP°PrC,Ps P·P±C†PrP¶PµPSPëC...
PSPµCĤPIPSPİPëC... PİPsP»PsPePsPS, C-PSPİC-P±C†C" PİPëPSPëPePSPµPSPSCİ
PİPsPIC,PsCĤPSPëC... PSPµPNëCĤPsPSP°P»CḤPSPëC... CĤPsP·CĤCİPrC-PI C- P·PSPëP¶C†C"
CÍPëPSP°PİC,PëC†PSPµ PİCĤPsPİPµPrPµPSPSCİ P·P±C†PrP¶C†PİP°P»CḤPSPëC...
C-PjPİC†P»CḤCÍC-PI. PİC-P»PePsPj PjPsP¶P»PëPIPs, C%Ps PiPsP»PsPIPSPëPj
PjPµC...P°PSC-P·PjPsPj PrC-C— PİCĤPµPİP°CĤP°C,C† PjPsP¶Pµ P±C†C,Pë
P·P°PİPsP±C-PİP°PSPSCİ PİPsPIC,PsCĤPSPsPjC† C†C,PİPsCĤPµPSPSCĤ
PSP°C,CĤC-PNëP·P°P»PµP¶PSPëC... PİPsC,PµPSC†C-P°P»C-PI PrC-C— C†
PrPµPİPsP»CİCĤPëP·PsPIP°PSPëC... PSPµPNëCĤPsPSP°C... C€P»CİC...PsPj P±P»PsPeP°PrPë
PSP°C,CĤC-C"PIPëC... PeP°PSP°P»C-PI, CİPeP° P·P°P»PµP¶PëC,CḤ PIC-Pr
C,CĤPëPİP°P»PsCÍC,C- P·P°CÍC,PsCÍC†PİP°PSPSCİ C,P° PİPsP»CḤC,P°P¶C†.

PÿPsPrC- CİPe P·PSPëP¶PµPSPSCİ PİPëPIC-P»CḤPSPµPSPSCİ PiP»C†C,P°PjP°C,C† C-
CÍC,P°P±C-P»C-P·P°C†C-Cİ PjPµPjP±CĤP°PS PSPµPNëCĤPsPSC-PI PjPsP¶Pµ PİPsCİCÍPSPëC,Pë
PİCĤPsC,PëCÍC†PrPsPjPSC† PrC-CĤ PİCĤPµPİP°CĤP°C,C†,
P°PSC,PëPjP°PSC-P°PeP°P»CḤPSPëPNë PµC,,PµPeC, PeP°CĤP±P°PjP°P·PµPİC-PSCÍ PjPsP¶Pµ
P±C†C,Pë P·C†PjPsPIP»PµPSPëPNë PİCĤPëPİPSC-C†PµPSPSCİPj PjPµC,P°P±PsP»C-P·PjC†
PrPsPİP°PjC-PSCÍ C- PSPsCĤP°PrCĤPµPSP°P»C-PSCÍ.

Pj PeP»C-PSC-C†PSPëC... PrPsCÍP»C-PrP¶PµPSPSCİC... PİCĤPë
P·P°CÍC,PsCÍC†PİP°PSPSC- PeP°CĤP±P°PjP°P·PµPİC-PSCÍ CİPe
PjPsPSPsC,PµCĤP°PİC-C— C† PİP°C†C-C"PSC,C-PI P· PµPİC-P»PµPİCÍC-C"Ĥ
(PsCÍPsP±P»PëPIPs C† PrC-C,PµPNë C- PİC-PrP»C-C,PeC-PI) P±C†P»P°
PIC-PrP·PSP°C†PµPSP° PİCÍPëC...PsC,CĤPsPİPSP° PrC-Cİ PİCĤPµPİP°CĤP°C,C†,
CİPeP°B C†P°CÍC,PePsPIPs PİCĤPsCİPİP»CİP»P°CÍCİ PİPsP·PëC,PëPIPSPëPj
PİPİP»PëPIPsPj PSP° CÍPëPjPİC,PsPjPë C,CĤPëPİPsP¶PSPsCÍC,C- C-
PrPµPİCĤPµCÍC-C—, P° C,P°PePsP¶ P·PSPëP¶PµPSPSCİPj
CĤPsP·PrCĤP°C,PsPIP°PSPsCÍC,C- C,P° P°PİCĤPµCÍPëPIPSPsCÍC,C-. P—P°
PrP°PSPëPjPë CĤCİPrC† PrPsCÍP»C-PrP¶PµPSCĤ, PİPİP»PëPI
PeP°CĤP±P°PjP°P·PµPİC-PSCÍ PSP° PePsPiPSC-C,PëPIPSCÍ C,,C†PSPeC†C-CĤ C-
PİCÍPëC...PsPjPsC,PsCĤPSC- PİPsPeP°P·PSPëPePë P·P°P»PµP¶P°PI PIC-Pr PrPsP·Pë C- P±C†PI
P°P±Ps CÍC†PjPSC-PIPSPëPj, P°P±Ps PSPµPİP°C,PëPIPSPëPj. P' C-PSC€PëC...
PrPsCÍP»C-PrP¶PµPSPSCİC... P±C†PI PIC-PrP·PSP°C†PµPSPëPNë PİPsP·PëC,PëPIPSPëPNë
PİPİP»PëPI PeP°CĤP±P°PjP°P·PµPİC-PSCÍ PSP° PİPsPeP°P·PSPëPePë, C%Ps
C...P°CĤP°PeC,PµCĤPëP·C†CĤC,CḤ C†PİP°PİC†, P·PrP°C,PSC-CÍC,CḤ PrPs PSP°PIC†P°PSPSCİ
C- P·P°PİP°PjBĤ™ CİC,PsPIC†PİP°PSPSCİ.

PİPe PSPµPNëCĤPsC,CĤPsPİPSPëPNë P·P°CÍC-P±. PĤP°CĤP±P°PjP°P·PµPİC-PS
PµC,,PµPeC,PëPIPSPëPNë PİCĤPë PrPµCİPePëC... PSPµPICĤPsP»PsPiC-C†PSPëC...
P·P°C...PİPsCĤCĤPİP°PSPSCİC...: C,P°Pe, PSP°PİCĤPëPeP»P°Pr, PIC-PS P·P°PİPsP±C-PİP°C"
P±PsP»CḤPsPIPëPj PSP°PİP°PrP°Pj PİCĤPë C-PrC-PsPİP°C,PëC†PSC-PNë C-

PIC,PsC₇PëPSPSC-PN₂ PSP_μPIC₇P°P»PiC-C— C,C₇C-PN₂C₄P°C₇C,PsPiPs PSP_μC₇PIP°. P₇C₇C-Pj C,PsPiPs, PeP°C₇P±P°PjP°P·P_μPiC-PS P·P°C₇C,PsC₇PsPIC₇C”C,CHC₇C₇ P₇P»C₇ P₇PsP»P_μPiC€P_μPSPSC₇ PSP_μPN₂C₇PsPiP_μPSPSPsPiPs P±PsP»C₇ PiC₇Pë C₇C-P·PSPëC... C₇C,P°PSP°C..., Cr C,PsPjCr C₄PëC₇P»C- PiC₇Pë C₇C₇C...PsC,C₇C- C₇PiPëPSPSPsPiPs PjPsP·PeC₇, PiPsC₇C,C,C₇P°PIPjP°C,PëC₄PSPëC... PiP°C₇P_μC₇C,P_μP·C-C₇C... C- PiPsC₇C,PiP_μC₇PiP_μC,PëC₄PSC-PN₂ PSP_μPIC₇P°P»PiC-C—. P₄C₇Pë C₇PëPSP₇C₇PsPjC- P°P»PePsPiPsP»CH₇PS₇C— P°P±C₇C,PëPSP_μPSC₇C— PeP°C₇P±P°PjP°P·P_μPiC-PSB PiC-P₇PIPëC%₇C₇C” PiPsC₇C-Pi C₇C₇P₇PsPjPSPsC— PiPsC,PsPIPSPsC₇C,C- (C₇PePëPN₂ PiC₇Pë C₇CH₇PsPjCr C₇C,P°PSC- P·PSPëP₇P_μPSPëPN₂) C- P·PjP_μPSC€C₇C” PIPëC₇P°P₇P_μPSC-C₇C,C₇ PeP»C-PSC-C₄PSPëC... PiC₇PsC₇PI-C-PI C₇PëPSP₇C₇PsPjCr, C,P°PePëC... C₇Pe P·P±C₇P₇P»PëPIC-C₇C,C₇, C,C₇P_μPjPsC₇, PiPsC₇C₇C€P_μPSPSC₇ C...PsP₇Pë. Pj C...PIPsC₇PëC... PSP° PSP_μC₇C₇CrPeC₇PsPIPëPN₂ P₇C-P°P±P_μC, C₇P_μPSC,C₇P°P»CH₇PS₇PsPiPs PiP_μPSP_μP·C₇ P₇P°C₇P±P°PjP°P·P_μPiC-PSB P·PjP_μPSC€C₇C” P₇C-C₇C₇P_μP· C- PIC-P₇C₄C₇C,C,C₇ C₇PiC₇P°PiPë.B B B

P₇Pe PiC₇PëC...PsC,C₇PsPiPSPëPN₂ P·P°C₇C-P±, P₇P°C₇P±P°PjP°P·P_μPiC-PS P_μC,,P_μPeC,PëPIPSPëPN₂ PiC₇Pë P°C,,P_μPeC,PëPIPSPëC... PiPsC₇C₇C€P_μPSPSC₇C..., P° C₇P°PjP_μ: P₇P»C₇ P»C-PeC₇PIP°PSPSC₇ PiPsC₇C,C₇PëC... PjP°PSC-P°PeP°P»CH₇PS₇PëC... C₇C,P°PSC-PI, P₇P»C₇ PiC-P₇C,C₇PëPjCrC₇C₄PsPiPs P»C-PeC₇PIP°PSPSC₇ P±C-PiPsP»C₇C₇PSPëC... P°C,,P_μPeC,PëPIPSPëC... (PjP°PSC-P°PeP°P»CH₇PS₇- P₇P_μPiC₇P_μC₇PëPIPSPëC...) C₇PsP·P»P°P₇C-PI (C₇Pe PjPsPSPsC,P_μC₇P°PiC-C₇, P° C,P°PePsP₇ Cr PePsPjP±C-PSP°C₇C-C— P· PSP_μPN₂C₇PsP»P_μPiC,PëC₄PSPëPjPë P·P°C₇PsP±P°PjPë, P°PSC,PëP₇P_μPiC₇P_μC₇P°PSC,P°PjPë P°P±Ps PiC₇P_μPiP°C₇P°C,P°PjPë P»C-C,C-C₇C).

P₇P°C₇PjP°PePsPeC-PSP_μC,PëPeP°.

P' C₇PjPsPeC,C₇PIP°PSPSC₇. P₄C-C₇P»C₇ PiC₇PëPN₂PsPjCr C,P°P±P»P_μC,PsPe PeP°C₇P±P°PjP°P·P_μPiC-PS PIC₇PjPsPeC,C₇C”C,CHC₇C₇ PjP°PN₂P₇P_μ PiPsPIPSC-C₇C,C₇, C...PsC₄P° C- P₇P_μC%₇Ps PiPsPIC-P»CH₇PS₇. P₄C-C₇P»C₇ C₇P°P·PsPIPsPiPs PiC₇PëPN₂PsPjCr P·PIPëC₄P°PN₂PSPsC— C,P°P±P»P_μC,PePë PjP°PeC₇PëPjP°P»CH₇PS₇ PePsPSC₇P_μPSC,C₇P°C₇C-C₇ Cr PiP»P°P·PjC- PeC₇PsPIC- (P₇_{max}) P₇PsC₇C₇PiP°C”C,CHC₇C₇ C₄P_μC₇P_μP· 12 PiPsP₇PëPS. P₄P_μ PIC-P₇P·PSP°C₄P°C”C,CHC₇C₇ PeP»C-PSC-C₄PSPs P·PSP°C₄C₇C%₇PëC... PIC-P₇PjC-PSPSPsC₇C,P_μPN₂ Cr C₇C,C₇PiP_μPSC- PIC₇PjPsPeC,C₇PIP°PSPSC₇ P°PeC,PëPIPSPsC— C₇P_μC₄PsPIPëPSPë PiC-C₇P»C₇ P·P°C₇C,PsC₇C₇PIP°PSPSC₇ C₇C-P·PSPëC... P»C-PeP°C₇C₇CH₇PePëC... C,,PsC₇Pj PiC₇P_μPiP°C₇P°C,C₇ P₇P»C₇ PiC₇PëPN₂PsPjCr PIPSC₇C,C₇C-C€PSC₇Ps. P₄C-C₇P»C₇ PsP₇PSPsC₇P°P·PsPIPsPiPs PiC₇PëPN₂PsPjCr PIPSC₇C,C₇C-C€PSC₇Ps C,P°P±P»P_μC,PePë PiC₇P_μPiP°C₇P°C,C₇ C%₇Ps PjC-C₇C,PëC,C₇ 400 PjPi PeP°C₇P±P°PjP°P·P_μPiC-PSCr, C₇P_μC₇P_μP₇PSC” P·PSP°C₄P_μPSPSC₇ P₇_{max} PSP_μP·PjC-PSP_μPSPsC— P°PeC,PëPIPSPsC— C₇P_μC₄PsPIPëPSPë P₇PsC₇C₇PiP°C” P±P»PëP·CH₇PePs 4,5 PjPePi/PjP».

P₇C-PsP₇PsC₇C,C₇PiPSC-C₇C,C₇ C₇C-P·PSPëC... P»C-PeP°C₇C₇CH₇PePëC... C,,PsC₇Pj PeP°C₇P±P°PjP°P·P_μPiC-PSCr P₇P»C₇ PiP_μC₇PsC₇P°P»CH₇PS₇PsPiPs PiC₇PëPN₂PsPjCr, C₇Pe P±C₇P»Ps PiPsPeP°P·P°PSPs, P»P_μP₇PëC,C₇ Cr PjP_μP₇P°C... 85в₇”100 %.

P₄C₇PëPN₂PsPj C—P₇C-B C-C₇C,PsC,PS₇ PSP_μ PIPiP»PëPIP°C” PSP° C€PIPëP₇PeC-C₇C,C₇ C- C₇C,C₇CrPiC-PSCH PIC₇PjPsPeC,C₇PIP°PSPSC₇ PeP°C₇P±P°PjP°P·P_μPiC-PSCr.

P C-PIPSPsPIP°P₇PSC- PePsPSC₇P_μPSC,C₇P°C₇C-C— PiC₇P_μPiP°C₇P°C,C₇ Cr PiP»P°P·PjC- PeC₇PsPIC- P₇PsC₇C₇PiP°C₇C,C₇C₇C₇ Cr PjP_μP₇P°C... 1в₇”2 C,PëP₇PSC-PI, C%₇Ps P·P°P»P_μP₇PëC,C₇ PIC-P₇ C-PSP₇PëPIC-P₇CrP°P»CH₇PS₇PëC... PsC₇PsP±P»PëPIPSC₇C,P_μPN₂ PjP_μC,P°P±PsP»C-P·PjCr (P°C₇C,PsC-PSP₇CrPeC₇C-C₇ C,,P_μC₇PjP_μPSC,PSPëC... C₇PëC₇C,P_μPj

РiРµC±C-PSPePë PeP°CтґP±P°PґP°P·РµPіC-PSPsPj, PiРµC,РµCтґPsC-PSPrCрPeC†C-Cl C-PSCEPëPґPë P»C-PeP°CтґCтґCHPePëPґPë P·P°CтґPsP±P°PґPë, ClPeC- P·P°CтґC,PsCтґPsPICрCтґC,CH PsPrPSPSc†P°CтґPSPs), P° C,P°PePsP¶ PIC-Pr CтґC,P°PSCр PіP°C†C-C”PSC,P°, PrPsP·Pë PіCтґРµPіP°CтґP°C,Cр C- C,CHPëPIP°P»PsCтґC,C- P»C-PeCрPIP°PSPSCCl. PґPіPsCтґC,РµCтґC-PiP°CтґC,CHCтґCl CтґCрC,C,C”PIC- PґC-P¶CтґCрP±Bтґ™ C”PeC,PSC- PIC-PrPґC-PSPPSPScтґC,C- P·PSP°C†PµPSCн CтґC-PIPPSPsPIP°P¶PSPëC... PePsPSC†PµPSC,CтґP°C†C-PNë Cр C,РµCтґP°PiРµPIC,PëC†PSPsPґCр PrC-P°PіP°P·PsPSC-: Cр P±C-P»CHC€PsCтґC,C- PіP°C†C-C”PSC,C-PI C†C- P·PSP°C†PµPSPSCCl PePsP»PëPIP°CтґC,CHCтґCl PIC-Pr 4 PrPs 12 PґPePi/PґP» (17Bтґ”50 PґPePґPsP»CH/P»). РµPsPSC†PµPSC,CтґP°C†C-C— PeP°CтґP±P°PґP°P·РµPіC-PSCr-10,11-РµPіPsPeCтґPëPrCр (C,,P°CтґPґP°PePsP»PsPiC-C†PSPs P°PeC,PëPIPPSPsPiPs PґРµC,P°P±PsP»C-C,Cр) PrPsCтґClPiP°CтґC,CH PґP°PNëP¶Pµ 30 % PіPsCтґC-PIPPSPSPs P· PePsPSC†PµPSC,CтґP°C†C-ClPґPë PeP°CтґP±P°PґP°P·РµPіC-PSCr.

P’C-PsPrPsCтґC,CрPiPSC-CтґC,CH CтґC-P·PSPëC... PіCтґРµPіP°CтґP°C,C-PI PeP°CтґP±P°PґP°P·РµPіC-PSCr PґPsP¶Pµ PIC-PrCтґC-P·PSCCl,PëCтґCH; C,P°PeP° PIP»P°CтґC,PëPIC-CтґC,CH PrP°C” P·PґPsPiCр CрPSPëPePSCрC,Pë P·PґC-PSPë P»C-PeP°CтґCтґCHPePsC— C,,PsCтґPґPë, C%Ps PґPsP¶Pµ PіCтґPëP·PIPµCтґC,Pë PrPs P·PSPëP¶PµPSPSCCl РµC,,РµPeC,Cр PіCтґPë P·P°CтґC,PsCтґCрPIP°PSPSC- P»C-PeP°CтґCтґCHPePsPiPs P·P°CтґPsP±Cр P°P±Ps PrPs PіPsCлPIPë РµPіC-P»РµPіC,PëC†PSPëC... PSP°PіP°PrC-PI PSP° C,P»C- PіCтґPëPNëPsPґCр P»C-PeP°CтґCтґCHPePsPiPs P·P°CтґPsP±Cр C†Pë PіPsCлPIPë PSP°PrPґC-CтґPSPëC... PіPsP±C-C†PSPëC... РµC,,РµPeC,C-PI.

P PsP·PiPsPrC-P». P—P° CрPґPsPIPë PіPsPIPPSPsC— P°P±CтґPsCтґP±C†C-C— PeP°CтґP±P°PґP°P·РµPіC-PSCr CрClPIPPSPëPNë PsP±Bтґ™ C”Pґ CтґPsP·PiPsPrC-P»Cр CтґC,P°PSPsPIPëC,CH PIC-Pr 0,8 PrPs 1,9 P»/PePi. РµP°CтґP±P°PґP°P·РµPіC-PS PіCтґPsPSPëPeP°C” PeCтґC-P·CH PіP»P°C†PµPSC,P°CтґPSPëPNë P±P°CтґBтґ™ C”Cтґ. P—PiBтґ™ ClP·CрPIP°PSPSCCl PeP°CтґP±P°PґP°P·РµPіC-PSCr P· P±C-P»PeP°PґPë PіP»P°P·PґPë PeCтґPsPIC- CтґC,P°PSPsPIPëC,CH 70Bтґ”80 %. РµPsPSC†PµPSC,CтґP°C†C-Cl PSPµP·PґC-PSPPSPsPiPs PeP°CтґP±P°PґP°P·РµPіC-PSCr Cр CтґPiPëPSPSPsPґPsP·PePsPIC-PNë CтґC-PrPëPSC- C- CтґP»PëPSC- PіCтґPsPіPsCтґC-PNëPSP° PrPs C†P°CтґC,PePë PSPµP·PiBтґ™ ClP·P°PSPsC— P· P±C-P»PeP°PґPë P°PeC,PëPIPPSPsC— CтґРµC†PsPIPëPSPë (20Bтґ”30 %). РµPsPSC†PµPSC,CтґP°C†C-Cl PeP°CтґP±P°PґP°P·РµPіC-PSCr Cр PіCтґCрPrPSPsPґCр PґPsP»PsC†C- CтґC,P°PSPsPIPëC,CH 25Bтґ”60 % PNëPsPiPs CтґC-PIPPSCCl Cр PіP»P°P·PґC- PeCтґPsPIC-.

PµPµC,P°P±PsP»C-P·Pґ. РµP°CтґP±P°PґP°P·РµPіC-PS PґРµC,P°P±PsP»C-P·CрC”C,CHCтґCl Cр PіPµC±C-PSCrC- PіPµCтґРµPIP°P¶PSPs РµPіPsPeCтґPëPrPSPëPґ C€P»ClC...PsPґ, CрPSP°CтґP»C-PrPsPe C†PsPiPs CрC,PIPsCтґCтґC,CHCтґCl PsCтґPSPsPIPPSC- PґРµC,P°P±PsP»C-C,Pë Bтґ” 10,11-C,CHP°PSCтґPrC-PsP»PsPIP° PіPsC...C-PrPSP° CтґРµC†PsPIPëPSP° C,P° C—C— PePsPSBтґ™ CнPiP°C, P· PiP»CнPeCрCтґPsPSPsPIPsCн PePëCтґP»PsC,PsCн. PнCтґPSPsPIPPSPëPґ C-P·PsC,,РµCтґPґРµPµPSC,PsPґ, ClPePëPNë P·P°P±PµP·PiPµC†CрC” P±C-PsC,CтґP°PSCтґC,,PsCтґPґP°C†C-Cн PeP°CтґP±P°PґP°P·РµPіC-PSCr Cр PeP°CтґP±P°PґP°P·РµPіC-PS-10,11-РµPіPsPeCтґPëPr, C” C†PëC,PsC...CтґPsPґ P 450 3Pґ4. PґPSP°CтґP»C-PrPsPe C†PëC... PґРµC,P°P±PsP»C-C†PSPëC... CтґРµP°PeC†C-PNë CрC,PIPsCтґCнC”C,CHCтґCl C,P°PePsP¶ C- B«PґP°P»PëPNëB» PґРµC,P°P±PsP»C-C, Bтґ” 9- PiC-PrCтґPsPeCтґPë-PґРµC,PëP»-10-PeP°CтґP±P°PґPsC—P»P°PeCтґPëPrP°PS. PµC-CтґP»Cl PsPrPSPsCтґP°P·PsPIPsPiPs PіPµCтґPsCтґP»»CHPSPsPiPs P·P°CтґC,PsCтґCрPIP°PSPSCCl PeP°CтґP±P°PґP°P·РµPіC-PSCr PіCтґPëP±P»PëP·PSPs 30 % P°PeC,PëPIPPSPsC— CтґРµC†PsPIPëPSPë PIPëP·PSP°C†P°C”C,CHCтґCl Cр CтґРµC±C- Cр PIPëPiP»ClPrC- PeC-PSCr†PµPIPëC... PіCтґPsPrCрPeC,C-PI РµPіPsPeCтґPëPrPSPsPiPs PґРµC,P°P±PsP»C-P·PґCр.

P†PSC€C- PIP°P¶P»PëPIC- C€P»C¼C...Pë P±C-PsC,ÇĤP°PSCĴC,,PsÇĤPjP°C†C-C—
PeP°ÇĤP±P°PjP°P·PµPīC-PSCŕ PīÇĤPëP·PIPsPrC¼C,CH PrPs CrC,PIPsÇĤPµPSPSC¼
ÇĤC-P·PSPëC... PjPsPSPsPiC-PrÇĤPsPeCĴPëP»P°C,PSPëC... PīPsC...C-PrPSPëC..., P° C,P°PePsP¶
N·PiP»ÇĤPeCrÇĤPsPSC-PrCr PeP°ÇĤP±P°PjP°P·PµPīC-PSCŕ, C%Ps CrC,PIPsÇĤÇC”C,CHCĴC¼
P· CrC†P°CĴC,CH CrÇĤPëPrPëP»PrPëC,,PsCĴC,,P°C,-
PiP»ÇĤPeCrÇĤPsPSPsP·PëP»C,ÇĤP°PSCĴC,,PµÇĤP°P·Pë (UGT2P’7).

P’PëPIPµPrPµPSPSC¼. PµC-CĴP»C¼ PsPrPSPsÇĤP°P·PsPIPsPiPs PīÇĤPëPNëPsPjCr
PīÇĤPµPīP°ÇĤP°C,Cŕ PIPSCŕC,ÇĤC-C€PSCĤPs PīPµÇĤC-PsPr
PSP°PīC-PIPIPëPIPµPrPµPSPSC¼ PSPµP·PjC-PSPµPSPsPiPs
PeP°ÇĤP±P°PjP°P·PµPīC-PSCŕ CĴC,P°PSPsPIPëC,CH Cr CĴPµÇĤPµPrPSCĤPsPjCr 36
PiPsPrPëPS, P° PīC-CĴP»C¼ PīPsPIC,PsÇĤPSPsPiPs PīÇĤPëPNëPsPjCr
PīÇĤPµPīP°ÇĤP°C,Cŕ бĤ” Cr CĴPµÇĤPµPrPSCĤPsPjCr 16бĤ”24 PiPsPrPëPSPë
(PIPSP°CĴP»C-PrPsPe P°CrC,PsC-PSPŕCrPeC†C-C—
PjPsPSPsPsPeCĴPëPiPµPSP°P·PSPsC— CĴPëCĴC,PµPjPë PīPµC†C-PSPePë)
P·P°P»PµP¶PSPs PIC-Pr C,ÇĤPëPIP°P»PsCĴC,C- P»C-PeCrPIP°PSPSC¼. Pj
PīP°C†C-C”PSC,C-PI, C¼PeC- PsPrPSPsC†P°CĴPSPs PīÇĤPëPNëPjP°ÇĤC,CH C-PSC€C-
PīÇĤPµPīP°ÇĤP°C,Pë, C%Ps C-PSPŕCrPeCrÇĤC,CH C,Cŕ P¶ CĴP°PjCr
C,,PµÇĤPjPµPSC,PSCŕ CĴPëCĴC,PµPjCr PīPµC†C-PSPePë (PSP°PīÇĤPëPeP»P°Pr
C,,PµPSC-C,PsC—PS, C,,PµPSPsP±P°ÇĤP±C-C,P°P»), PīPµÇĤC-PsPr
PSP°PīC-PIPIPëPIPµPrPµPSPSC¼ PeP°ÇĤP±P°PjP°P·PµPīC-PSCŕ CĴC,P°PSPsPIPëC,CH Cr
CĴPµÇĤPµPrPSCĤPsPjCr 9бĤ”10 PiPsPrPëPS.

PŸPµÇĤPµPrPSC-PNë PīPµÇĤC-PsPr PSP°PīC-PIPIPëPIPµPrPµPSPSC¼ PjPµC,P°P±PsP»C-C,Cŕ
10,11-PµPīPsPeCĴPëPrCr P· PīP»P°P·PjPë PeÇĤPsPIC- CĴC,P°PSPsPIPëC,CH
PīÇĤPëP±P»PëP·PSPsB 6 PiPsPrPëPS PīC-CĴP»C¼ ÇĤP°P·PsPIPsPiPs
PīPµÇĤPsÇĤP°P»CHPSPsPiPs PīÇĤPëPNëPsPjCr PµPīPsPeCĴPëPrCr.

PµC-CĴP»C¼ ÇĤP°P·PsPIPsPiPs PīPµÇĤPsÇĤP°P»CHPSPsPiPs PīÇĤPëPNëPsPjCr
PeP°ÇĤP±P°PjP°P·PµPīC-PSCŕ Cr PrPsP·C- 400 PjPi 72 % PīÇĤPëPNëPSC¼C,PsC— PrPsP·Pë
PIPëPIPsPrPëC,CHCĴC¼ C-P· CĴPµC†PµCH, P° 28 % бĤ” P· PeP°P»PsPj. PĥP°PNëP¶Pµ 2 %
PīÇĤPëPNëPSC¼C,PsC— PrPsP·Pë PIPëPIPsPrPëC,CHCĴC¼ C-P· CĴPµC†PµCH Cr PIPëPiP»C¼PrC-
PSPµP·PjC-PSPµPSPsPiPs PīÇĤPµPīP°ÇĤP°C,Cŕ C- PīÇĤPëP±P»PëP·PSPs 1 % бĤ” Cr
PIPëPiP»C¼PrC- C,,P°ÇĤPjP°PePsP»PsPiC-C†PSPs P°PeC,PëPIPSPsPiPs PjPµC,P°P±PsP»C-C,Cŕ
10,11-PµPīPsPeCĴPëPrCr.

PĥCĴPsP±P»PëPIPsCĴC,C- C,,P°ÇĤPjP°PePsPeC-PSPµC,PëPePë PI PsPeÇĤPµPjPëC...
PiÇĤCžPiP°C... PīP°C†C-C”PSC,C-PI.

P”C-C,Pë. P”C-C,C¼Pj P· PsPiP»C¼PrCr PSP° P±C-P»CHC€ C€PIPëPrPeCr
PµP»C-PjC-PSP°C†C-CH PeP°ÇĤP±P°PjP°P·PµPīC-PSCŕ PrP»C¼ PīC-PrC,ÇĤPëPjP°PSPSC¼
C,PµÇĤP°PīPµPIC,PëC†PSPëC... PePsPSC†PµPSC,ÇĤP°C†C-PNë PīÇĤPµPīP°ÇĤP°C,Cŕ PjPsP¶Pµ
P±CrC,Pë PīPsC,ÇĤC-P±PSPëPj P·P°CĴC,PsCĴCrPIP°PSPSC¼ P±C-P»CHC€ PIPëCĴPsPePëC...
PrPsP· PeP°ÇĤP±P°PjP°P·PµPīC-PSCŕ P· ÇĤPsP·ÇĤP°C...CrPSPeCr Cr PjPi/PePi PjP°CĴPë C,C-P»P°
PīPsÇĤC-PIPSC¼PSPs P· PrPsÇĤPsCĴP»PëPjPë.

PµP°C†C-C”PSC,Pë P»C-C,PSCHPsPiPs PIC-PeCž. PќPµPjP°C” PrP°PSPëC..., C¼PeC-
CĴPIC-PrC†PëP»Pë P± PīÇĤPs C,Pµ, C%Ps C,,P°ÇĤPjP°PePsPeC-PSPµC,PëPeP°
PeP°ÇĤP±P°PjP°P·PµPīC-PSCŕ P·PjC-PSCĤC”C,CHCĴC¼ Cr PīP°C†C-C”PSC,C-PI
P»C-C,PSCHPsPiPs PIC-PeCr (PīPsÇĤC-PIPSC¼PSPs P· PrPsÇĤPsCĴP»PëPjPë PjPsP»PsPrPsPiPs

PIC-PeCf).

$P_{\mu}P^{\circ}C\uparrow C-C''PSC, P\ddot{e} P \cdot P\ddot{i}PsC\overline{H}C\acute{z}C\epsilon P_{\mu}PSPsC\overline{H} C,, C\acute{z}PSPeC\uparrow C-C''C\overline{H} PSP\ddot{e}C\overline{H}PsPe P^{\circ}P\pm Ps$
 $P\ddot{i}P_{\mu}C\uparrow C-PSPeP\ddot{e}. P''P^{\circ}PSP\ddot{e}C... P\ddot{i}C\overline{H}Ps C,, P^{\circ}C\overline{H}PjP^{\circ}PePsPeC-PSP_{\mu}C, P\ddot{e}PeC\acute{r}$
 $PeP^{\circ}C\overline{H}P\pm P^{\circ}PjP^{\circ}P \cdot P_{\mu}P\ddot{i}C-PSC\acute{r} C\acute{r} P\ddot{i}P^{\circ}C\uparrow C-C''PSC, C-PI P \cdot P\ddot{i}PsC\overline{H}C\acute{z}C\epsilon P_{\mu}PSPSC\downarrow PjP\ddot{e}$
 $C,, C\acute{r}PSPeC\uparrow C-C- PSP\ddot{e}C\overline{H}PsPe P^{\circ}P\pm Ps P\ddot{i}P_{\mu}C\uparrow C-PSPeP\ddot{e} P\ddot{i}PsPeP\ddot{e} C\%Ps PSP_{\mu}PjP^{\circ}C''.$

P_μP»C-PSC-C‡PSC- C...P°C_HP°PeC,P_μC_HP_ēC_íC,P_ēPeP_ē.

P_μPsPeP°P·P°PSPSC_{II}.

B· P·P_iC-P»P_μP_iC_íC-C_{II}:B

- C_íPeP»P°PrPSC- P°P±Ps P_iC_HPsC_íC,C- P_iP°C_HC_↑C-P°P»CH_BPSC- C_íC_íPrPsPjPSC-
PSP°P_iP°PrP_ē (C-P· PIC,C_HP°C,PsC_H P°P±Ps P±P_μP· PIC,C_HP°C,P_ē C_íPIC-PrPsPjPsC_íC,C-) C-P·
PIC,PsC_HP_ēPSPSPsC_H PiP_μPSP_μC_HP°P»C-P·P°C_↑C-C''C_H P°P±Ps P±P_μP· PSP_μC—;
- PiP_μPSP_μC_HP°P»C-P·PsPIP°PSC- C,PsPSC-PePs-PeP»PsPSC-C‡PSC- C_íC_íPrPsPjPSC-
PSP°P_iP°PrP_ē;
- P·PjC-C_εP°PSC- C,,PsC_HPjP_ē C_íC_íPrPsPjPSP_ēC... PSP°P_iP°PrC-PI.

P_μP°C_HP±P°PjP°P·P_μP_iC-PS PjPsP_¶PSP° P·P°C_íC,PsC_íPsPIC_íPIP°C,P_ē C_{II}Pe
PjPsPSPsC,P_μC_HP°P_iC-C_H, P° C,P°PePsP_¶ C_í C_íPeP»P°PrC- PePsPjP±C-PSPsPIP°PSPsC—
C,P_μC_HP°P_iC-C—.

B· P''PsC_íC,C_HC- PjP°PSC-P°PeP°P»CH_BPSC- C_íC,P°PSP_ē; P_iC-PrC,C_HP_ēPjC_íC_HC‡P°
C,P_μC_HP°P_iC-C_{II} P_iC_HP_ē P±C-P_iPsP»C_{II}C_HPSP_ēC... P°C,,P_μPeC,P_ēPIPSP_ēC... C_HPsP·P»P°PrP°C...
P· PjP_μC,PsC_H P_iC_HPsC,,C-P»P°PeC,P_ēPeP_ē P·P°PiPsC_íC,C_HP_μPSCH_B P°P±Ps PrP»C_{II}
PsC_íP»P°P±P»P_μPSPSC_{II} PeP»C-PSC-C‡PSP_ēC... P_iC_HPsC_{II}PI-C-PI P·P°PiPsC_íC,C_HP_μPSPSC_{II}.

B· P_YP_ēPSP_rC_HPsPj P°P»PePsPiPsP»CH_BPSPsC— P°P±C_íC,P_ēPSP_μPSC_↑C-C—.

B· P_↑PrC-PsP_iP°C,P_ēC‡PSP° PSP_μPIC_HP°P»PiC-C_{II} C,C_HC-PN_εC‡P°C_íC,PsPiPs PSP_μC_HPIP° C-
PSP_μPIC_HP°P»PiC-C_{II} C,C_HC-PN_εC‡P°C_íC,PsPiPs PSP_μC_HPIP° P_iC_HP_ē C_HPsP·C_íC-C_{II}PSPsPjC_í
C_íPeP»P_μC_HPsP·C- (C,P_ēP_iPsPIP° C,P° P°C,P_ēP_iPsPIP°).

B· P_↑PrC-PsP_iP°C,P_ēC‡PSP° PSP_μPIC_HP°P»PiC-C_{II} C_{II}P·P_ēPePsPiP»PsC,PePsPIP_sPiPs
PSP_μC_HPIP°.

P_μC_HPsC,P_ēP_iPsPeP°P·P°PSPSC_{II}.

P_KP_μ C_íP»C-Pr P_iC_HP_ēP·PSP°C‡P°C,P_ē:

B· P_iC_HP_ē PIC_íC,P°PSPsPIP»P_μPSC-PN_ε PiC-P_iP_μC_HC‡C_íC,P»P_ēIPsC_íC,C- PrPs
PeP°C_HP±P°PjP°P·P_μP_iC-PSC_í P°P±Ps PrPs P_iPsPrC-P±PSP_ēC... C_í C...C-PjC-C‡PSPsPjC_í
PIC-PrPSPsC_εP_μPSPSC- P»C-PeP°C_HC_íCH_BPeP_ēC... P_iC_HP_μP_iP°C_HP°C,C-PI (C,P°PeP_ēC... C_{II}Pe
C,C_HP_ēC_↑P_ēPeP»C-C‡PSC- P°PSC,P_ēPrP_μP_iC_HP_μC_íP°PSC,P_ē), P°P±Ps PrPs P±C_íPrCH_B-
C_{II}PePsPiPs C-PSC_εPsPiPs PePsPjPiPsPSP_μPSC,P° P_iC_HP_μP_iP°C_HP°C,C_í;B

B· PīCḡPē P°C,CḡC-PsPIPμPSC,CḡPēPeCfP»CḡCḡPSC-PNē P±P»PsPeP°PrC-;

B· PīP°C†C-C"°PSC,P°Pj P· PīCḡPēPiPSC-C†PμPSPSCḡPj PeC-CfC,PePsPIPsPiPs PjPsP·PeCf PI P°PSP°PjPSPμP·C-;

B· PīP°C†C-C"°PSC,P°Pj P· PīPμC†C-PSPePsPIPsCḡ PīPsCḡC,,C-CḡC-C"°Cḡ (PSP°PīCḡPēPeP»P°Pr PīPsCfC,CḡPsCḡ C-PSC,PμCḡPjC-C,CfCḡC†PsCḡ PīPsCḡC,,C-CḡC-C"°Cḡ, P·PjC-CēP°PSPsCḡ PīPsCḡC,,C-CḡC-C"°Cḡ, PīC-P·PSCḡPsCḡ PīPsCḡC,,C-CḡC-C"°Cḡ CēPeC-CḡPē) PI P°PSP°PjPSPμP·C-;

B· Cf PePsPjP±C-PSP°C†C-C— P· C-PSPiC-P±C-C,PsCḡP°PjPē PjPsPSPsP°PjC-PSPsPeCfPēPrP°P·Pē (MAO).

P°P·P°C"°PjPsPrC-Cḡ P· C-PSCēPēPjPē P»C-PeP°CḡCfCḡPePēPjPē P·P°CfPsP±P°PjPē C,P° C-PSCēC- PIPēPrPē PIP·P°C"°PjPsPrC-PNē.

PjPēC,PsC...CḡPsPj P 450 3Pḡ4 (CYP3A4) C"° PsCfPSPsPIPsPēPj C,,PμCḡPjPμPSC,PsPj, C°°Ps PeP°C,P°P»C-P·CfC"° CfC,PIPsCḡPμPSPSCḡ P°PeC,PēPIPsPiPs PjPμC,P°P±PsP»C-C,Cf PeP°CḡP±P°PjP°P·PμPīC-PSCf-10,11-PμPīPsPeCfPēPrCf. PhPrPSPsC†P°CfPSPμ P·P°CfC,PsCfCfPIP°PSPSCḡ C-PSPiC-P±C-C,PsCḡC-PI CYP3A4 PjPsPḡPμ CfPīCḡPēC†PēPSCḡC,Pē PīC-PrPIPēC°°PμPSPSCḡ PePsPSC†PμPSC,CḡP°C†C-C— PeP°CḡP±P°PjP°P·PμPīC-PSCf Cf PīP»P°P·PjC- PeCḡPsPIC-, C°°Ps, Cf CfPIPsCḡ C†PμCḡPīCf, PjPsPḡPμ PīCḡPēP·PIPsPrPēC,Pē PrPs CḡPsP·PIPēC,PeCf PīPsP±C-C†PSPēC... CḡPμP°PeC†C-PNē. PhPrPSPsC†P°CfPSPμ P·P°CfC,PsCfCfPIP°PSPSCḡ C-PSPrCfPeC,PsCḡC-PI CYP3A4 PjPsPḡPμ PīPsCfPēP»CḡPIP°C,Pē PjPμC,P°P±PsP»C-P·Pj PeP°CḡP±P°PjP°P·PμPīC-PSCf, C°°Ps PīCḡPēP·PIPsPrPēC,Cḡ PrPs P·PSPēPḡPμPSPSCḡ PePsPSC†PμPSC,CḡP°C†C-C— PeP°CḡP±P°PjP°P·PμPīC-PSCf Cf CfPēCḡPsPIP°C,C†C- PeCḡPsPIC- C,P° C,PμCḡP°PīPμPIC,PēC†PSPsPiPs PμC,,PμPeC,Cf. PμPsPrC-P±PSPēPj C†PēPSPsPj PīCḡPēPiPēPSPμPSPSCḡ PīCḡPēPNēPsPjCf C-PSPrCfPeC,PsCḡP° CYP3A4 PjPsPḡPμ P·PSPēPḡCfPIP°C,Pē CēPIPēPrPeC-CfC,Cḡ PjPμC,P°P±PsP»C-P·PjCf PeP°CḡP±P°PjP°P·PμPīC-PSCf, C°°Ps PīCḡPēP·PIPsPrPēC,Cḡ PrPs PīC-PrPIPēC°°PμPSPSCḡ CḡC-PIPsCḡ PeP°CḡP±P°PjP°P·PμPīC-PSCf Cf PīP»P°P·PjC- PeCḡPsPIC-.

PḡP°CḡP±P°PjP°P·PμPīC-PS C"° PīPsC,CfPḡPSPēPj C-PSPrCfPeC,PsCḡPsPj CYP3A4 C,P° C-PSCēPēC... C,,PμCḡPjPμPSC,PSPēC... CfPēCfC,PμPj C,,P°P·Pē P† C,P° C,,P°P·Pē P†P† Cf PīPμC†C-PSC†C-, C,PsPjCf PjPsPḡPμ P·PSPēPḡCfPIP°C,Pē PePsPSC†PμPSC,CḡP°C†C-C— C-PSCēPēC... PīCḡPμPīP°CḡP°C,C-PI Cf PīP»P°P·PjC- PeCḡPsPIC-, CḡPeC- PīPμCḡPμPIP°PḡPSPs PjPμC,P°P±PsP»C-P·CfCḡC,CḡCfCḡ CYP3A4 CēP»CḡC...PsPj C-PSPrCfPeC†C-C— C—C...PSCḡPsPiPs PjPμC,P°P±PsP»C-P·PjCf.

P>CḡPrCfCḡPeP° PjC-PeCḡPsCfPsPjP°P»CḡPSP° PμPīPsPeCfPēPr-PiC-PrCḡPsP»P°P·P° CḡPIP»CḡC"° CfPsP±PsCḡ C,,PμCḡPjPμPSC,, PIC-PrPīPsPIC-PrP°P»CḡPSPēPNē P·P° CfC,PIPsCḡPμPSPSCḡ 10,11-C,CḡP°PSCfPrC-PsP»PīPsC...C-PrPSPēC... PeP°CḡP±P°PjP°P·PμPīC-PSCf-10,11-PμPīPsPeCfPēPrCf. PhPrPSPsC†P°CfPSPμ PīCḡPēP·PSP°C†PμPSPSCḡ C-PSPiC-P±C-C,PsCḡC-PI P»CḡPrCfCḡPePsC— PjC-PeCḡPsCfPsPjP°P»CḡPSPsC— PμPīPsPeCfPēPr-PiC-PrCḡPsP»P°P·Pē PjPsPḡPμ PīCḡPēP·PIPμCfC,Pē PrPs PīC-PrPIPēC°°PμPSPSCḡ PePsPSC†PμPSC,CḡP°C†C-PNē PeP°CḡP±P°PjP°P·PμPīC-PSCf-10,11-PμPīPsPeCfPēPrCf Cf PīP»P°P·PjC- PeCḡPsPIC-.

PμCḡPμPīP°CḡP°C,Pē, CḡPeC- PjPsPḡCžC,Cḡ PīC-PrPIPēC°°CžPIP°C,Pē CḡC-PIPμPSCḡ

PeP°CḥP±P°PjP°P·PμPīC-PSCé Cé PīP»P°P·PjC- PeCḥPsPIC-.

PḥCÍPeC-P»CHḤPePē PīC-PrPIPēC%PμPSPSCḷ CḥC-PIPSCḷ PeP°CḥP±P°PjP°P·PμPīC-PSCr CÍ
PīP»P°P·PjC- PeCḥPsPIC- PjPsPḡPμ PīCḥPēP·PIPsPrPēC,Pē PrPs PīPsCḷPIPē
PSPμP±P°PḡP°PSPēC... CḥPμP°PeC†C-PNē (C,P°PePēC... CḷPe P·P°PīP°PjPsCḥPsC‡PμPSPSCḷ,
CÍPsPSP»PēPIC-CÍC,CH, P°C,P°PeCÍC-Cḷ, PrPēPīP»PsPīC-Cḷ), C,Ps PrPsP·CÍPIP°PSPSCḷ
PīCḥPμPīP°CḥP°C,CÍ PḤP°CḥP±P°PjP°P·PμPīC-PSB PSPμPsP±C...C-PrPSPs
PIC-PrPīPsPIC-PrPSPs PePsCḥPēPīCÍPIP°C,Pē C,P°/P°P±Ps PePsPSC,CḥPsP»CḥPIP°C,Pē
PNēPsPīPs CḥC-PIPSC- CÍ PīP»P°P·PjC- PeCḥPsPIC- PīCḥPē PsPrPSPsC‡P°CÍPSPsPjCÍ
P·P°CÍC,PsCÍCÍPIP°PSPSC- P·PSPēPḡC‡PμP·P°P·PSP°C‡PμPSPēPjPē PīCḥPμPīP°CḥP°C,P°PjPē.

PḥPSP°P»PīPμC,PēPePē, PīCḥPsC,PēP·P°PīP°P»CHḤPSC- PīCḥPμPīP°CḥP°C,Pē:
PrPμPeCÍC,CḥPsPīCḥPsPīPsPeCÍPēC,,PμPS, C-P±CÍPīCḥPsC,,PμPS.

PḥPSPrCḥPsPīPμPSPē: PrP°PSP°P·PsP».

PḥPSC,PēP±C-PsC,PēPePē: PjP°PeCḥPsP»C-PrPSC- P°PSC,PēP±C-PsC,PēPePē
(PSP°PīCḥPēPeP»P°Pr PμCḥPēC,CḥPsPjC-C†PēPS, C,CḥPsP»PμP°PSPrPsPjC-C†PēPS,
PNēPsP·P°PjC-C†PēPS, PeP»P°CḥPēC,CḥPsPjC-C†PēPS,
C†PēPīCḥPsC,,P»PsPeCÍP°C†PēPS).

PḥPSC,PēPrPμPīCḥPμCÍP°PSC,Pē: PrPμP·PēPīCḥP°PjC-PS, C,,P»CÍPsPeCÍPμC,PēPS,
C,,P»CÍPIPsPeCÍP°PjC-PS, PSPμC,,P°P·PsPrPsPS, PīP°CḥPsPeCÍPμC,PēPS,
C,CḥP°P·PsPrPsPS, PIC-P»PsPeCÍP°P·PēPS.

PḥCḥPsC,PēPμPīC-P»PμPīC,PēC‡PSC- P·P°CÍPsP±Pē: CÍC,PēCḥPēPīPμPSC,PsP»,
PIC-PīP°P±P°C,CḥPēPS.

PḥCḥPsC,PēPīCḥPēP±PePsPIC- P·P°CÍPsP±Pē: P°P·PsP»Pē (PSP°PīCḥPēPeP»P°Pr
C-C,CḥP°PePsPSP°P·PsP», PePμC,PsPePsPSP°P·PsP», C,,P»CÍPePsPSP°P·PsP»,
PIPsCḥPēPePsPSP°P·PsP»). PḥP°C†C-C”PSC,P°Pj, CḷPeC- PsC,CḥPēPjCÍCḥC,CH
P»C-PeCÍPIP°PSPSCḷ PIPsCḥPēPePsPSP°P·PsP»PsPj P°P±PsB C-C,CḥP°PePsPSP°P·PsP»PsPj,
PjPsPḡCÍC,CH P±CÍC,Pē CḥPμPePsPjPμPSPrPsPIP°PSC- P°P»CHC,PμCḥPSP°C,PēPIPSC-
PīCḥPsC,PēPμPīC-P»PμPīC,PēC‡PSC- P·P°CÍPsP±Pē.

PḥPSC,PēPīC-CÍC,P°PjC-PSPSC- PīCḥPμPīP°CḥP°C,Pē: P»PsCḥP°C,P°PrPēPS,
C,PμCḥC,,PμPSP°PrPēPS.

PḥPSC,PēPīCÍPēC...PsC,PēC‡PSC- PīCḥPμPīP°CḥP°C,Pē: PsP»P°PSP·P°PīC-PS,
P»PsPeCÍP°PīC-PS, PePIPμC,C-P°PīC-PS.

PḥCḥPsC,PēC,CÍP±PμCḥPeCÍP»CHḤPsP·PSC- PīCḥPμPīP°CḥP°C,Pē: C-P·PsPSC-P°P·PēPr.

PḥCḥPsC,PēPIC-CḥCÍCÍPSC- PīCḥPμPīP°CḥP°C,Pē: C-PSPiC-P±C-C,PsCḥPē PīCḥPsC,PμP°P·Pē
PrP»Cḷ P’P†P> (PSP°PīCḥPēPeP»P°Pr CḥPēC,PsPSP°PIC-Cḥ).

P†PSPiC-P±C-C,PsCḥPē PeP°CḥP±PsP°PSPiC-PrCḥP°P·Pē: P°C†PμC,P°P·PsP»P°PjC-Pr.

PḤPμCḥC†PμPIPs-CÍCÍPrPēPSPSC- PīCḥPμPīP°CḥP°C,Pē: PrPēP»C,C-P°P·PμPj,
PIPμCḥP°PīP°PjC-P».

PḥCḥPμPīP°CḥP°C,Pē PrP»Cḷ P»C-PeCÍPIP°PSPSCḷ P·P°C...PIPsCḥCḥPIP°PSCḤ

C€P»CfPSPePsPIPs-PeP€C€PePsPIPsPiPs C,CḡP°PeC,Cf: C†P€PjPμC,P€PrP€PS,
PsPjPμPīCḡP°P·PsP».

PḡC-PsCḡPμP»P°PeCfP°PSC,P€: PsPeCfP€P±CfC,P€PSC-PS, PrP°PSC,CḡPsP»PμPS.

PḡPSC,P€P°PiCḡPμPiP°PSC,PSC- PīCḡPμPiP°CḡP°C,P€: C,P€PeP»PsPīC-PrP€PS.

P†PSC€C- CḡPμC†PsPIP€PSP€: PīCḡPμPN€PīC,,CḡCfC,PsPIP€PN€ CfC-Pe,
PSC-PePsC,P€PSP°PjC-Pr (Cf PrPsCḡPsCfP»P€C..., C,C-P»CHPeP€ Cf PIP€CfPsPeP€C...
PrPsP·P°C...).

PμCḡPμPīP°CḡP°C,P€, C‡PeC- PjPsP¶CžC,CH PīC-PrPIP€C%oCžPIP°C,P€ CḡC-PIPμPSCḡ
P°PeC,P€PIPSPsPiPs PjPμC,P°P±PsP»C-C,Cž PeP°CḡP±P°PjP°P·PμPīC-PSCž-10,11-
PμPīPsPeCfP€PrCž Cž PīP»P°P·PjC- PeCḡPsPIC-.

PḡCfPeC-P»CHPeP€ PīC-PrPIP€C%oPμPSPSC‡ CḡC-PIPSC‡
PeP°CḡP±P°PjP°P·PμPīC-PSCf-10,11-PμPīPsPeCfP€PrCf PI PīP»P°P·PjC- PeCḡPsPIC- PjPsP¶Pμ
PīCḡP€P·PIPμCfC,P€ PrPs PīPsP±C-C†PSP€C... CḡPμP°PeC†C-PN€ (C,P°PeP€C... C‡Pe
P·P°PīP°PjPsCḡPsC†PμPSPSC‡, CfPsPSP»P€PIC-CfC,CH, P°C,P°PeCfC-C‡, PrP€PīP»PsPīC-C‡),
PrPsP·Cf PeP°CḡP±P°PjP°P·PμPīC-PSCf CfP»C-Pr PIC-PrPīPsPIC-PrPSPs
PIC-PrPePsCḡP€PīCfPIP°C,P€ C,P°/P°P±Ps PePsPSC,CḡPsP»CḡPIP°C,P€ PN€PsPiPs
CḡC-PIPμPSCḡ PI PīP»P°P·PjC- PeCḡPsPIC- PīCḡP€ PsPrPSPsC†P°CfPSPsPjCf
P·P°CfC,PsCfCfPIP°PSPSC- P· CḡPμC†PsPIP€PSP°PjP€, P·P°P·P°PSP°C†PμPSP€PjP€ PSP€P¶C†Pμ.

PḡPSC,P€PīCfP€C...PsC,P€C†PSC- PīCḡPμPiP°CḡP°C,P€: P»PsPeCfP°PīC-PS,
PePIPμC,C-P°PīC-PS.

PμCḡPsC,P€PμPīC-P»PμPīC,P€C†PSC- P·P°CfPsP±P€: PīCḡP€PjC-PrPsPS, PīCḡPsPiP°P±C-Pr,
PIP°P»CHPīCḡPsC”PIP° PeP€CfP»PsC,P°, PIP°P»PSPsPeC,P°PjC-Pr C,P° PIP°P»PīCḡPsPjC-Pr,
P±CḡP€PIP°CḡP°C†PμC,P°Pj.

PμCḡPμPīP°CḡP°C,P€, C‡PeC- PjPsP¶CžC,CH P·PSP€P¶CžPIP°C,P€B CḡC-PIPμPSCḡ
PeP°CḡP±P°PjP°P·PμPīC-PSCž Cž PīP»P°P·PjC- PeCḡPsPIC-.

PḡPsP¶Pμ P±CfC,P€ PSPμPsP±C...C-PrPSPsCḡ PePsCḡPμPeC†C-C‡ PrPsP·P€
PīCḡPμPiP°CḡP°C,Cf PḡP°CḡP±P°PjP°P·PμPīC-PS PīCḡP€ PsPrPSPsC†P°CfPSPsPjCf
P·P°CfC,PsCfCfPIP°PSPSC-B P· PSP€P¶C†PμP·P°P·PSP°C†PμPSP€PjP€ PīCḡPμPiP°CḡP°C,P°PjP€.

PμCḡPsC,P€PμPīC-P»PμPīC,P€C†PSC- PīCḡPμPiP°CḡP°C,P€: C,,PμP»P±P°PjP°C,,
PjPμC,CfCfPeCfP€PjC-Pr, PsPeCfPeP°CḡP±P°P·PμPīC-PS, C,,PμPSPsP±P°CḡP±C-C,PsPS,
C,,PμPSCfCfPeCfP€PjC-Pr, C,,PμPSC-C,PsC—PS (C%oPsP± CfPSP€PePSCfC,P€
C-PSC,PsPeCfP€PeP°C†C-C— C,,PμPSC-C,PsC—PSPsPj C,P°
CfCfP±C,PμCḡP°PīPμPIC,P€C†PSP€C... PePsPSC†PμPSC,CḡP°C†C-PN€
PeP°CḡP±P°PjP°P·PμPīC-PSCf, CḡPμPePsPjPμPSPPrPsPIP°PSPs CfPePsCḡPμPiCfPIP°C,P€
PePsPSC†PμPSC,CḡP°C†C-Cḡ C,,PμPSC-C,PsC—PSCf Cf PīP»P°P·PjC- PeCḡPsPIC- PrPs 13
PjPePi/PjP» PīPμCḡPμPr PīPsC†P°C,PePsPj P»C-PeCfPIP°PSPSC‡ PeP°CḡP±P°PjP°P·PμPīC-PSPsPj)
C,P° C,,PsCfC,,PμPSC-C,PsC—PS, PīCḡP€PjC-PrPsPS C,P° PeP»PsPSP°P·PμPīP°Pj (C...PsC†P°
PrP°PSC- C%oPsPrPs PSCḡPsPiPs CfCfPīPμCḡPμC†P»P€PIC-).

PμCḡPsC,P€PīCfC...P»P€PSPSC- PīCḡPμPiP°CḡP°C,P€: C†P€CfPīP»P°C,P€PS P°P±Ps
PrPsPeCfPsCḡCfP±C-C†P€PS.

РμCḡPsC, PëC, CḡP±PμCḡPeCḡP»CHḡPsP·PSC- PḡCḡPμPḡP°CḡP°C, Pë: CḡPëC,, P°PjPḡC-CḡPëPS.

P' CḡPsPSC...PsPrPëP»P°C, P°C, PsCḡPë P°P±Ps PḡCḡPsC, PëP°CḡC, PjP°C, PëC±PSC- PḡCḡPμPḡP°CḡP°C, Pë: C, PμPsC,, C-P»C-PS, P°PjC-PSPsC,, C-P»C-PS.

P" PμCḡPjP°C, PsP»PsPḡC-CḡPSC- PḡCḡPμPḡP°CḡP°C, Pë: C-P·PsC, CḡPμC, PëPSPsC—PS.

P'P·P°C" PjPsPrC-Cḡ P· C-PSC€PëPjPë CḡPμC±PsPIPëPSP°PjPë: PḡCḡPμPḡP°CḡP°C, Pë P»C-PeP°CḡCḡCHḡPePëC... C, CḡP°PI, C%Ps PjC-CḡC, CḡC, CHḡ P·PIC-CḡPsP±C-PNḡ (*Hypericum perforatum*).

PḡPμC,, P»PsC...C-PS PjPsPḡPμ PḡCḡPsCḡPIP»CḡC, Pë P°PSC, P°PḡPsPSC-CḡC, PëC±PSC- PIP»P°CḡC, PëPIPḡCḡC, C- C%PsPrPs PḡCḡPsC, PëPμPḡC-P»PμPḡC, PëC±PSPsPḡPs PμC,, PμPeC, Cḡ PḡCḡPμPḡP°CḡP°C, Cḡ PḡP°CḡP±P°PjP°P·PμPḡC-PS. P' C-PrPḡPsPIC-PrPSPs PrPsP·Cḡ PḡCḡPμPḡP°CḡP°C, Cḡ PḡP°CḡP±P°PjP°P·PμPḡC-PS PSPμPsP±C...C-PrPSPs PIC-PrPePsCḡPëPḡCḡPIP°C, Pë.

PḡP·PsC, CḡPμC, PëPSPsC—PS, CḡPe PḡPsPIC-PrPsPjP»CḡC" C, CHḡCḡCḡ, P·PjC-PSCḡC" P±C-PsPrPsCḡC, CḡPḡPSC-CḡC, CHḡ C, P°/P°P±Ps PeP»C-CḡPμPSCḡ PeP°CḡP±P°PjP°P·PμPḡC-PSCḡ C- PeP°CḡP±P°PjP°P·PμPḡC-PSCḡ-10, 11-PμPḡPsPeCḡPëPrCḡ; PSPμPsP±C...C-PrPSPs PePsPSC, CḡPsP»CḡPIP°C, Pë PePsPSCḡPμPSC, CḡP°CḡC-C— PeP°CḡP±P°PjP°P·PμPḡC-PSCḡ Cḡ PḡP»P°P·PjC- PeCḡPsPIC-.

P'PḡP»PëPI PḡCḡPμPḡP°CḡP°C, Cḡ PḡP°CḡP±P°PjP°P·PμPḡC-PSB PSP° CḡC-PIPμPSCḡ Cḡ PḡP»P°P·PjC- PeCḡPsPIC- PsPrPSPsCḡP°CḡPSPs PḡCḡPëP·PSP°CḡPμPSPëC... PḡCḡPμPḡP°CḡP°C, C-PI.

PḡP°CḡP±P°PjP°P·PμPḡC-PS PjPsPḡPμ P·PSPëPḡCḡPIP°C, Pë CḡC-PIPμPSCḡ PrPμCḡPePëC... PḡCḡPμPḡP°CḡP°C, C-PI Cḡ PḡP»P°P·PjC- PeCḡPsPIC- C, P° P·PjPμPSC€CḡPIP°C, Pë P°P±Ps PSC-PIPμP»CḡPIP°C, Pë C—C... PμC,, PμPeC, Pë. PḡPsPḡPμ PIPëPSPëPePSCḡC, Pë PSPμPsP±C...C-PrPSC-CḡC, CHḡ PePsCḡPμPeCḡC-C— PrPsP·CḡPIP°PSPSCḡ PSPëPḡCḡPμPSP°PIPμPrPμPSPëC... PḡCḡPμPḡP°CḡP°C, C-PI PIC-PrPḡPsPIC-PrPSPs PrPs PeP»C-PSC-CḡPSPëC... PIPëPjPsPi.

PḡPSP°P»PḡPμC, PëPePë, PḡCḡPsC, PëP·P°PḡP°P»CHḡPSC- PḡCḡPμPḡP°CḡP°C, Pë: P±CḡPḡCḡPμPSPsCḡC,, C-PS, PjPμC, P°PrPsPS, PḡP°CḡP°CḡPμC, P°PjPsP» (C, CḡPëPIP°P»Pμ P·P°CḡC, PsCḡCḡPIP°PSPSCḡ PeP°CḡP±P°PjP°P·PμPḡC-PSCḡ P· PḡP°CḡP°CḡPμC, P°PjPsP»PsPj (P°CḡPμC, P°PjC-PSPsC,, PμPSPsPj) PjPsPḡPμ P±CḡC, Pë P·PIḡḡ™ CḡP·P°PSPs P· CḡPsP·PIPëC, PePsPj PḡPμPḡP°C, PsC, PsPeCḡPëCḡPSPsCḡC, C-), C,, PμPSP°P·PsPS (P°PSC, PëPḡC-CḡPëPS), C, CḡP°PjP°PrPsP».

PḡPSC, PëP±C-PsC, PëPePë: PrPsPeCḡPëCḡPëPeP»C-PS, CḡPëC,, P°P±CḡC, PëPS.

PḡPSC, PëPePsP°PḡCḡP»CḡPSC, Pë: PḡPμCḡPsCḡP°P»CHḡPSC- P°PSC, PëPePsP°PḡCḡP»CḡPSC, Pë (PSP°PḡCḡPëPeP»P°Pr PIP°CḡC,, P°CḡPëPS, C,, PμPSPḡCḡPsPePsCḡPjPsPS, PrPëPeCḡPjP°CḡPsP» C, P° P°CḡPμPSPsPeCḡPjP°CḡPsP»).

PḡPSC, PëPrPμPḡCḡPḡP°PSC, Pë: P±CḡPḡCḡPsPḡC-PsPS, CḡPëC, P°P»PsPḡCḡP°Pj, PjC-P°PSCḡPμCḡPëPS, PSPμC,, P°P·PsPrPsPS, CḡPμCḡC, CḡP°P»C-PS, C, CḡP°P·PsPrPsPS, C, CḡPëCḡPëPeP»C-CḡPSC- P°PSC, PëPrPμPḡCḡPḡP°PSC, Pë (PSP°PḡCḡPëPeP»P°Pr C-PjC-PḡCḡP°PjC-PS, P°PjC-C, CḡPëPḡC, PëP»C-PS, PSPsCḡC, CḡPëPḡC, PëP»C-PS, PeP»PsPjC-PḡCḡP°PjC-PS).

$$\underline{\text{P}_{\text{b}}\text{PsC}\dot{\text{T}}\text{C},\text{P}\ddot{\text{e}}\text{PePsC}\dot{\text{T}}\text{C},\text{P}_{\text{u}}\text{C}\dot{\text{T}}\text{PsC}-\text{PrP}\ddot{\text{e}}} (\text{P}\cdot\text{PsPeC}\dot{\text{T}}\text{P}_{\text{u}}\text{PjP}^{\circ}, \text{P}\ddot{\text{i}}\text{C}\dot{\text{T}}\text{P}_{\text{u}}\text{PrPSC}-\text{P}\cdot\text{PsP}\gg\text{PsPS}, \\ \text{PrP}_{\text{u}}\text{PeC}\dot{\text{T}}\text{P}^{\circ}\text{PjP}_{\text{u}}\text{C}, \text{P}^{\circ}\text{P}\cdot\text{PsPS}).$$

P—P°CÍPSP±Pë, CИPеC- P·P°CÍC,PsCÍPSPICrCĤC,CH PrP»CИ P»C-PeCÍPIP°PSPSCИ
PμCĤPμPеC,PëP»CHPSPSc— PrPëCÍC,,CÍPSPeC†C-C—: C,P°PrP°P»P°C,,C-P».

P†PjCÍPSPSPrPμPíCĤPμCÍP°PSC,Pë: C†PëPeP»PsCÍPíPScĤPëPS, PμPIPμCĤPSP»C-PjCÍCÍ,
C,P°PeCĤPSP»C-PjCÍCÍ, CÍPëCĤPSP»C-PjCÍCÍ.

PÿPëCĤPμPsC—PrPSC- PíCĤPμPíP°CĤP°C,Pë: P»PμPIPsC,PëCĤPSPeCÍPëPS.

P'P·P°C" PjPsPrC-CИ P· C-PSC€PëPjPë PíCĤPμPíP°CĤP°C,P°PjPë: P±CÍPíCĤPμPSPSc,,C-PS,
PiPμCÍC,CĤPëPSPSPS, C,PëP±PsP»PSPS, C,PsCĤPμPjC-C,,PμPS, PjC-P°PSCÍPμCĤPëPS,
CÍPμCĤC,CĤP°P»C-PS.

PлPsPjP±C-PSP°C†C-C— PíCĤPμPíP°CĤP°C,C-PI, CИPеC- PIPëPjP°PíP°CĤC,CH
PsPeCĤPμPjPsPiPs CĤPsP·PiP»CИPrCž.

PĥPrPSPSc†P°CÍPSPμ P·P°CÍC,PsCÍCÍPIP°PSPSCИ PeP°CĤP±P°PjP°P·PμPíC-PSCÍ C,P°
P»PμPIPμC,PëCĤP°C†PμC,P°PjCÍ PjPsP¶Pμ PíCĤPëP·PIPμCÍC,Pë PrPs PíPScÍPëP»PμPSPSCИB
C,PsPeCÍPëC†PSPScÍC,C- PeP°CĤP±P°PjP°P·PμPíC-PSCÍ.

PĥPrPSPSc†P°CÍPSPμ P·P°CÍC,PsCÍCÍPIP°PSPSCИ PeP°CĤP±P°PjP°P·PμPíC-PSCÍ C,P°
C-P·PsPSC-P°P·PëPrCÍ PjPsP¶Pμ PíCĤPëP·PIPμCÍC,Pë PrPs PíPScÍPëP»PμPSPSCИB
PiPμPíP°C,PsC,PsPeCÍPëC†PSPScÍC,C- C-P·PsPSC-P°P·PëPrCÍ.

PĥPrPSPSc†P°CÍPSPμ P·P°CÍC,PsCÍCÍPIP°PSPSCИ PeP°CĤP±P°PjP°P·PμPíC-PSCÍ C-
PíPμCĤPμPíP°CĤP°C,C-PI P»C-C,C-CĤ P°P±Ps PjPμC,PsPeP»PsPíCĤP°PjC-PrCÍ, P° C,P°PePsP¶
PeP°CĤP±P°PjP°P·PμPíC-PSCÍ C- PSPμPNëCĤPsP»PμPíC,PëPeC-PI (PíP°P»PsPíPμCĤPëPrPsP»,
C,C-PsCĤPëPrP°P·PëPS) PjPsP¶Pμ PíCĤPëP·PIPμCÍC,Pë PrPs PíPScÍPëP»PμPSPSCИ
PíPSP±C-C†PSPëC... PSPμPICĤPsP»PsPiC-C†PSPëC... PμC,,PμPeC,C-PI (CÍ PIPëPíP°PrPeCÍ
PsCÍC,P°PSPSCHPsC— PePsPjP±C-PSP°C†C-C— бĤ" PSP°PIC-C,CH P·P° CÍPjPsPIPë
C,PμCĤP°PíPμPIC,PëC†PSPëC... CĤC-PIPSC-PI CÍ PíP»P°P·PjC- PeCĤPsPIC-).

PлPsPjP±C-PSPsPIP°PSP° C,PμCĤP°PíC-CИ PíCĤPμPíP°CĤP°C,PsPj PлP°CĤP±P°PjP°P·PμPíC-PS
C,P° PrPμCИPePëPjPë PrC-CÍCĤPμC,PëPeP°PjPë (PiC-PrCĤPsC...P»PsCĤPsC,C-P°P·PëPr,
C,,CÍCĤPsCÍPμPjC-Pr) PjPsP¶Pμ PíCĤPëP·PIPμCÍC,Pë PrPs PIPëPSPëPePSPμPSPSCИ
CÍPëPjPíC,PsPjP°C,PëC†PSPSc— PiC-PíPSPSP°C,CĤC-C" PjC-C—.

PлP°CĤP±P°PjP°P·PμPíC-PS PjPsP¶Pμ P°PSC,P°PiPsPSC-P·CÍPIP°C,Pë PμC,,PμPeC,Pë
PSPμPrPμPíPSP»CИCĤPëP·CÍCĤC†PëC... PjбĤ™ CИP·PsPIPëC... CĤPμP»P°PeCÍP°PSC,C-PI
(PSP°PíCĤPëPeP»P°Pr PíP°PSPeCÍCĤPsPSC-CĤ). PĥPsP¶Pμ PIPëPSPëPePSCÍC,Pë
PSPμPsP±C...C-PrPSC-CÍC,CH PíC-PrPIPëC‰PμPSPSCИ PrPsP· C†PëC...
PíCĤPμPíP°CĤP°C,C-PI, P° CÍC,P°PS PíP°C†C-C" PSC,C-PI PíPSc,CĤPμP±CÍC"
CĤPμC,PμP»CHPSPSPiPs PjPsPSC-C,PsCĤPëPSPiCÍ C†PμCĤPμP· PjPsP¶P»PëPIC-CÍC,CH
C€PIPëPrC€PsPiPs, PSC-P¶ PsC†C-PeCÍC"C,CHCÍCИ, P·P°PIPμCĤC€PμPSPSCИ
PSPμPNëCĤPsPjбĤ™ CИP·PsPIPsC— P±P»PsPeP°PrPë.

PлP°CĤP±P°PjP°P·PμPíC-PS, CИPe C- C-PSC€C- PíCÍPëC...PsC,CĤPsPíPSC-
PíCĤPμPíP°CĤP°C,Pë, PjPsP¶Pμ P·PSPëP¶CÍPIP°C,Pë PíPμCĤPμPSPScÍPëPjC-CÍC,CH
P°P»PePsPiPsP»CĤ, C,PsPjCÍ PíP°C†C-C" PSC,P°Pj CĤPμPePsPjPμPSPPrPsPIP°PSPs
CÍC,CĤPëPjCÍPIP°C,PëCÍCИ PIC-Pr PIP¶PëPIP°PSPSCИ P°P»PePsPiPsP»CĤ.

PμCĤPsC,PëPíPSPeP°P·P°PSPs PsPrPSPSc†P°CÍPSPμ P·P°CÍC,PsCÍCÍPIP°PSPSCИ.

PĥCÍPeC-P»CHPePë PeP°CĤP±P°PjP°P·PμPíC-PS CÍC,CĤCÍPeC,CÍCĤPSPs P±P»PëP·CHPePëPNë

PrPs C, C₇H₅P₆C⁺P₆PeP»C-C₄PSP₆C... P°PSC, P₆PrP_μPiC₇H₅P_μC⁺P°PSC, C-PI, P₆PsPiPs PSP_μ
C₇H₅P_μPePsPjP_μPSP_{Pr}PsPIP°PSPs P·P°C⁺C, PsC⁺PsPIC⁺PIP°C, P₆ PsPrPSPsC₄P°C⁺PSPs P·
C-PSPiC-P₄C-C, PsC₇H₅P°PjP₆ PjPsPSPsP°PjC-PSPsPeC⁺P₆PrP°P·P₆ (P₆H₅Ph); PiP_μC₇H₅P_μPr
PiPsC₄P°C, PePsPj P·P°C⁺C, PsC⁺C⁺PIP°PSPSC₄ PiC₇H₅P_μPiP°C₇H₅P°C, C⁺ PSP_μPsP₄C...C-PrPSPs
PiC₇H₅P₆PiP₆PSP₆C, P₆ PiC₇H₅P₆PN₆PsPj C-PSPiC-P₄C-C, PsC₇H₅C⁺ P₆H₅Ph (C%₀₀PsPSP°PN₆PjP_μPSC₆P_μ
P·P° PrPIP° C, P₆P₆||PSC- P°P₄Ps C₇H₅P°PSC-C₆P_μ, C₄PeC%₀₀Ps C⁺P_μ PrPsP·PIPsP»C₄C⁺
PeP»C-PSC-C₄PSP° C⁺P₆C, C⁺P°C⁺C-C₄C).

P'PiP»P₆PI PSP° C⁺P_μC₇H₅PsP»PsPiC-C₄PSC- PrPsC⁺P»C-PrP₆||P_μPSPSC₄C.

P₆H₅P°C₇H₅P₄P°PjP°P·P_μPiC-PS PjPsP₆||P_μ PrP°C, P₆ C...P₆P₄PSPsPiPsP·P₆C, P₆PIPSP₆PN₆
C₇H₅P_μP·C⁺P»C₆H₅C, P°C, P'P·P P₆°P°PSP°P»C-P·C⁺ (PiP₆C⁺PsPePsP_μC,, P_μPeC, P₆PIPSP°
C₇H₅C-PrP₆PSPSP° C...C₇H₅PsPjP°C, PsPiC₇H₅P°C,, C-C₄C)B PrP»C₄ PiP₆P·PSP°C₄P_μPSPSC₄
PePsPSC⁺P_μPSC, C₇H₅P°C⁺C-C— PiP_μC₇H₅C,, P_μPSP°P·P₆PSC⁺.

P₆H₅P°C₇H₅P₄P°PjP°P·P_μPiC-PS 10,11-P_μPiPsPeC⁺P₆Pr PjPsP₆||P_μ PrP°C, P₆
C...P₆P₄PSPsPiPsP·P₆C, P₆PIPSP₆PN₆ C₇H₅P_μP·C⁺P»C₆H₅C, P°C, C-PjC⁺PSPsP»PsPiC-C₄PSPsPiPs
P°PSP°P»C-P·C⁺ P·P° PjP_μC, PsPrP₆PePsC₇ PiPsP»C₄C₇H₅P₆P·PsPIP°PSPsC—
C,, P»C⁺PsC₇H₅P_μC⁺C⁺P_μPSC⁺C-C— PrP»C₄ PiP₆P·PSP°C₄P_μPSPSC₄ PePsPSC⁺P_μPSC, C₇H₅P°C⁺C-C—
C, C₇H₅P₆C⁺P₆PeP»C-C₄PSP₆C... P°PSC, P₆PrP_μPiC₇H₅P_μC⁺P°PSC, C-PI.

PhC⁺PsP₄P»P₆PIPsC⁺C, C- P·P°C⁺C, PsC⁺C⁺PIP°PSPSC₄C.

P₆H₅P°C₇H₅P₄P°PjP°P·P_μPiC-PS C⁺P»C-Pr P·P°C⁺C, PsC⁺PsPIC⁺PIP°C, P₆ P»P₆C₆P_μ PiC-Pr
PjP_μPrP₆C₄PSP₆Pj PSP°PiP»C₄PrPsPj, C, C-P»C₆PeP₆ PiC-C⁺P»C₄ PsC⁺C-PSPeP₆
C⁺PiC-PIPIC-PrPSPsC₆P_μPSPSC₄ PePsC₇H₅P₆C⁺C, C₆H₅/C₇H₅P₆P·P₆Pe C, P° P·P° C⁺PjPsPiP₆
C₇H₅P_μC, P_μP»C₆H₅PSPsPiPs PjPsPSC-C, PsC₇H₅P₆PSPiC⁺ C⁺C, P°PSC⁺ PiP°C⁺C-C”PSC, C-PI C-P·
C⁺P_μC₇C⁺P_μPIP₆PjP₆, PiP_μC⁺C-PSPePsPiP₆PjP₆ P°P₄Ps PSP₆C₇PePsPiP₆PjP₆
PiPsC₇C⁺C₆P_μPSPSC₄PjP₆, PiPsP₄C-C₄PSP₆PjP₆ PiP_μPjP°C, PsP»PsPiC-C₄PSP₆PjP₆
C₇H₅P_μP°PeC⁺C-C₄PjP₆ PSP° C-PSC₆C- PiC₇H₅P_μPiP°C₇H₅P°C, P₆ PI P°PSP°PjPSP_μP·C- C, P° C⁺
C₇H₅P°P·C- PiP_μC₇H₅P_μPIP°PSP₆C₄ PeC⁺C₇C⁺C⁺ C, P_μC₇H₅P°PiC-C— PiC₇H₅P_μPiP°C₇H₅P°C, PsPj
P₆H₅P°C₇H₅P₄P°PjP°P·P_μPiC-PS.

P P_μPePsPjP_μPSP_{Pr}C⁺C”C, C₆H₅C⁺C₄ PiC₇H₅PsPiP_μPrP_μPSPSC₄ P·P°PiP°P»C₆H₅PSPsPiPs
P°PSP°P»C-P·C⁺ C⁺P_μC⁺C- C, P° PiP₆P·PSP°C₄P_μPSPSC₄ C₇H₅C-PIPSC₄ P°P·PsC, C⁺
C⁺P_μC₄PsPiP₆PSP₆ PI PeC₇H₅PsPIC- PSP° PiPsC₄P°C, PeC⁺ C- P· PiP_μPIPSPsC₇
PiP_μC₇H₅C-PsPrP₆C₄PSC-C⁺C, C₇ PiC-Pr C₄P°C⁺ C, P_μC₇H₅P°PiC-C—.

P₆H₅P°C₇H₅P₄P°PjP°P·P_μPiC-PS PiC₇H₅PsC₄PIP»C₄C” P»P_μPiPeC⁺
P°PSC, P₆C...PsP»C-PSP_μC₇PiC-C₄PSC⁺ P°PeC, P₆PIPSC-C⁺C, C₆H₅, C, PsPjC⁺ PiP°C⁺C-C”PSC, C-PI P·
PiC-PrPiP₆C%₀₀P_μPSP₆Pj PIPSC⁺C, C₇H₅C-C₆PSCH₅PsPsC₄PSP₆Pj C, P₆C⁺PePsPj C⁺P»C-Pr
PiPsPiP_μC₇H₅P_μPrP₆C, P₆ C, P° PiC₇H₅PsPePsPSC⁺C⁺P»C₆H₅C, C⁺PIP°C, P₆ C%₀₀PsPrPs
PjPsP₆||P»P₆PIP₆C... C,, P°PeC, PsC₇H₅C-PI C₇H₅P₆P·P₆PeC⁺.

P₆Y»C-Pr PiP°Pj₆H[™] C₄C, P°C, P₆ PiC₇H₅Ps PjPsP₆||P»P₆PIC⁺ P°PeC, P₆PIP°C⁺C-C₇
PiC₇H₅P₆C...PsPiP°PSP₆C... PiC⁺P₆C...PsP·C-PI, P° PiC₇H₅P₆ P»C-PeC⁺PIP°PSPSC-
PiP°C⁺C-C”PSC, C-PI P»C-C, PSCH₅PsPiPs PIC-PeC⁺ ₆H[™] PiC₇H₅Ps PjPsP₆||P»P₆PIC⁺
P°PeC, P₆PIP°C⁺C-C₇ C⁺PiP»C⁺C, P°PSPsC⁺C, C- C⁺PIC-PrPsPjPsC⁺C, C- C, P° C, C₇H₅P₆PIPsP₆||PSP_μ
P·P₄C⁺PrP₆||P_μPSPSC₄C.

P_μC₇H₅P_μPiP°C₇H₅P°C, P·P°P·PIP₆C₄P°PN₆ PSP_μP_μC,, P_μPeC, P₆PIPSP₆PN₆ PiC₇H₅P₆ P°P₄C⁺P°PSC⁺P°C...

(PjP°P»PëC... PµPïC-P»PµPïC,PëC‡PSPëC... PSP°PïP°PrP°C...) C,P° PjC-PsPeP»PsPSC-C‡PSPëC... PSP°PïP°PrP°C.... PhPeCḡPµPjC- PIPëPïP°PrPePë CÍPIC-PrC‡P°C,Ch PïCḡPs C,Pµ, C°%Ps PïPsCÍPëP»PµPSPSCÍ PSP°PïP°PrC-PI PjPsP¶P»PëPIPµ CÍ PïP°C‡C-C”PSC,C-PI P·P°C,PëPïPsPIPëPjPë P°P±CÍP°PSCÍP°PjPë.

P”PµPjP°C,PsP»PsPiC-C‡PSC- PµC,,PµPeC,Pë. P‡P· P·P°CÍC,PsCÍCÍPIP°PSPSCÍPj PïCḡPµPïP°CḡP°C,CÍ PïPsPIBḡ™ CÍP·CÍCḡC,Ch CḡPsP·PIPëC,PsPe P°PiCḡP°PSCÍP»PsC‡PëC,PsP·CÍ C,P° P°PïP»P°CÍC,PëC‡PSPsC— P°PSPµPjC-C—; PsPrPSP°Pe C‡PµCḡPµP· PSP°PrP·PIPëC‡P°PNëPSPs PSPëP·ChPeCÍ C‡P°CÍC,PsC,CÍ PIPëPïP°PrPeC-PI CḡPsP·PIPëC,PeCÍ C‡PëC... CÍC,P°PSC-PI PIP°P¶PePs PsC‡C-PSPëC,Pë P·PSP°C‡CÍC°%PëPNë CḡPëP·PëPe PïCḡPë PïCḡPëPNëPsPjC- PïCḡPµPïP°CḡP°C,CÍ PḡP°CḡP±P°PjP°P·PµPïC-PS. P”P»CÍ C...PIPScḡPëC..., CÍPeC- PSPµ PsC,CḡPëPjCÍPIP°P»Pë C,PµCḡP°PïC-C—, P·P°PïP°P»ChPSPëPNë CḡPëP·PëPe CḡPsP·PIPëC,PeCÍ P°PiCḡP°PSCÍP»PsC‡PëC,PsP·CÍ CÍC,P°PSPsPIPëC,Ch 4,7 PsCÍPsP±Pë/1000000 PSP° CḡC-Pe, P°PïP»P°CÍC,PëC‡PSPsC— P°PSPµPjC-C— Bḡ“ 2 PsCÍPsP±Pë/1000000 PSP° CḡC-Pe.

PµP°C‡C-C”PSC,C-PI PïPsC,CḡC-P±PSPs PïCḡPsC-PSC,,PsCḡPjCÍPIP°C,Pë PïCḡPs CḡP°PSPSC- PsP·PSP°PePë C,PsPeCÍPëC‡PSPsCÍC,C- C,P° CÍPëPjPïC,PsPjPë PjPsP¶P»PëPIPëC... PïPµPjP°C,PsP»PsPiC-C‡PSPëC... PïPsCḡCÍC€PµPSCḡ, P° C,P°PePsP¶ PïCḡPs CÍPëPjPïC,PsPjPë PrPµCḡPjP°C,PsP»PsPiC-C‡PSPëC... C,P° PïPµC‡C-PSPePsPIPëC... CḡPµP°PeC‡C-PNë. PµP°C‡C-C”PSC,P° CÍP»C-Pr PïPsPïPµCḡPµPrPëC,Pë, C°%Ps CÍ CḡP°P·C- PïPsCÍPIPë C,P°PePëC... CḡPµP°PeC‡C-PNë, CÍPe P¶P°Cḡ, P°PSPiC-PSP°, C€PeC-CḡPSC- PIPëCÍPëPïPë, PIPëCḡP°P·PePë CÍ CḡPsC,PsPIC-PNë PïPsCḡPsP¶PSPëPSC-, CÍPëPSC‡C-, CÍPeC- P»PµPiPePs PIPëPSPëPeP°CḡC,Ch, C,PsC‡PePsPIC- PeCḡPsPIPSPIPëP»PëPIPë P°P±Ps PïPµPjPsCḡP°PiC-C‡PSP° PïCÍCḡPïCÍCḡP°, CÍP»C-Pr PSPµPïP°PNëPSPs P·PIPµCḡPSCÍC,PëCÍCÍ PrPs P»C-PeP°CḡCÍ.

PïPeC°%Ps PeC-P»ChPeC-CÍC,Ch P»PµPNëPePsC‡PëC,C-PI P°P±Ps C,CḡPsPjP±PsC‡PëC,C-PI P·PSP°C‡PSPs P·PSPëP¶CÍC”C,ChCÍCÍ PïC-Pr C‡P°CÍ C,PµCḡP°PïC-C—, CÍP»C-Pr PïCḡPsPIPSPPrPëC,Pë P·P°PïP°P»ChPSPëPNë P°PSP°P»C-P· PeCḡPsPIC- C,P° P·PrC-PNëCÍPSCḡPIP°C,Pë CḡPµC,PµP»ChPSPëPNë PjPsPSC-C,PsCḡPëPSPi CÍC,P°PSCÍ PïP°C‡C-C”PSC,P°. P»C-PeCÍPIP°PSPSCÍ PïCḡPµPïP°CḡP°C,PsPj PḡP°CḡP±P°PjP°P·PµPïC-PS PSPµPsP±C...C-PrPSPs PïCḡPëPïPëPSPëC,Pë, CÍPeC°%Ps CÍ PïP°C‡C-C”PSC,P° CḡPsP·PIPëPIP°C”C,ChCÍCÍ P»PµPNëPePsPïPµPSC-CÍ, CÍPeP° C” CÍPµCḡPNëPsP·PSPsCḡ, PïCḡPsPiCḡPµCÍCÍCḡC‡PsCḡ P°P±Ps CÍCÍPïCḡPsPIPsPrP¶CÍC”C,ChCÍCÍ PeP»C-PSC-C‡PSPëPjPë PïCḡPsCÍPIP°PjPë, PSP°PïCḡPëPeP»P°Pr PïP°CḡCÍC‡PePsCḡ P°P±Ps P±PsP»PµPj CÍ PïPsCḡP»C-; P° C,P°PePsP¶ PïCḡPë PïPsCÍPIC- PsP·PSP°Pe PïCḡPëPiPSC-C‡PµPSPSCÍ C,,CÍPSPeC‡C-C— PeC-CÍC,PePsPIPsPiPs PjPsP·PeCÍ.

P’C-PrP·PSP°C‡P°P»PsCÍCÍ C,PëPjC‡P°CÍPsPIPµ P°P±Ps CÍC,C-PNëPePµ P·PSPëP¶PµPSPSCÍ PeC-P»ChPePsCÍC,C- C,CḡPsPjP±PsC‡PëC,C-PI P°P±Ps P»PµPNëPePsC‡PëC,C-PI CÍ P·PIBḡ™ CÍP·PeCÍ P· PïCḡPëPNëPsPjPsPj PïCḡPµPïP°CḡP°C,CÍ PḡP°CḡP±P°PjP°P·PµPïC-PS. PhPrPSP°Pe CÍ P±C-P»ChC€PsCÍC,C- PIPëPïP°PrPeC-PI C‡Pµ P·PSPëP¶PµPSPSCÍ P±CÍP»Ps C,PëPjC‡P°CÍPsPIPëPj C- PSPµ CÍPIC-PrC‡PëP»Ps PïCḡPs CḡPsP·PIPëC,PsPe P°PïP»P°CÍC,PëC‡PSPsC— P°PSPµPjC-C— P°P±Ps P°PiCḡP°PSCÍP»PsC‡PëC,PsP·CÍ. P”Ps PïPsC‡P°C,PeCÍ C,PµCḡP°PïC-C— C,P° PïPµCḡC-PsPrPëC‡PSPs PïC-Pr C‡P°CÍ C—C— PïCḡPsPIPµPrPµPSPSCÍ CÍP»C-Pr P·PrC-PNëCÍPSCḡPIP°C,Pë P°PSP°P»C-P· PeCḡPsPIC-, PIPeP»CḡC‡P°CḡC‡Pë PIPëP·PSP°C‡PµPSPSCÍ PeC-P»ChPePsCÍC,C-B C,CḡPsPjP±PsC‡PëC,C-PI (P° C,P°PePsP¶, PjPsP¶P»PëPIPs, PeC-P»ChPePsCÍC,C- CḡPµC,PëPeCÍP»PsC‡PëC,C-PI C,P° CḡC-PIPSCÍ PïPµPjPsPiP»PsP±C-PSCÍ).

PŸPµCḡPNëPsP·PSC- PrPµCḡPjP°C,PsP»PsPiC-C‡PSC- CḡPµP°PeC‡C-C—. PŸPµCḡPNëPsP·PSC-B

PrP_μCT_μPjP[°]C,PsP»PsPiC-C†PSC- CT_μPμP[°]PeC†C-C—, C_μPeC- PIPeP»CT_μC†P[°]CT_μC,CH
C,PsPeC†P[°]PeC†PSP_μPN_μ P_μPiC-PrP_μCT_μPjP[°]P»CH_μPSP_μPN_μ PSP_μPeCT_μPsP»C-P (P_μP•P_μ), P[°]P±Ps
C†P_μPSPPrCT_μPsPj P[°]P_μPN_μC”P»P[°], C,P[°] C†P_μPSPPrCT_μPsPj
P_μY_μC,C-PIP_μPSC†P[°]CT_μ”P”P_μPsPSC†PsPSP[°] B (P_μY_μP_μ”), PiCT_μP_μ P[°]P_μC†C,PsC†C†P_μPSPSC-
PiCT_μP_μPiP[°]CT_μP[°]C,C† P_μP[°]CT_μP±P[°]PjP[°]P[°]P_μPiC-PS PIP_μPSP_μPeP[°]CT_μC,CH PrC†P_μP_μ CT_μC-PrPePs.
P_μP[°]C†C-C”PSC,P_μ P_μ C†P_μCT_μPN_μPsP[°]PSP_μPjP_μ PrP_μCT_μPjP[°]C,PsP»PsPiC-C†PSP_μPjP_μ
CT_μPμP[°]PeC†C-C_μPjP_μ PjPsP_μC†C,CH PiPsC,CT_μPμP±C†P_μP[°]C,P_μ PiPsC†PiC-C,P[°]P»C-P[°]C†C-C—,
PsC†PeC-P»CH_μPeP_μ C†C- C†C,P[°]PSP_μ PjPsP_μC†C,CH P[°]P_μPiCT_μPsP_μC†P_μP[°]C,P_μ P_μPeC,C,CH.
P[°]C-P»CH_μC†C-C†C,CH PIP_μPiP[°]PrPeC-PI CT_μPsP[°]PIP_μPeC,PeC† P_μY_μP_μ”/P_μP•P_μ
PIC-PrP[°]PSP[°]C†P[°]CT_μC,CHC†C_μ PiCT_μPsC,C_μPiPsPj PiP_μCT_μC†PeC... PeC-P»CH_μPePsC...
PjC-C†C_μC†C-PI P»C-PeC†P_μPSPSC_μ PiCT_μPμPiP[°]CT_μP[°]C,PsPj P_μP[°]CT_μP±P[°]PjP[°]P[°]P_μPiC-PS.
P_μCT_μP_μ CT_μPsP[°]PIP_μPeC,PeC† C†P_μPjPiC,PsPjC-PI, C_μPs C†PIC-PrC†P[°]C,CH PiCT_μPs
C†P_μCT_μPN_μPsP[°]PSC- PrP_μCT_μPjP[°]C,PsP»PsPiC-C†PSC- CT_μPμP[°]PeC†C-C— (PSP[°]PiCT_μP_μPeP»P[°]Pr
P_μY_μP_μ”, C†P_μPSPPrCT_μPsPj P[°]P_μPN_μC”P»P[°]/P_μP•P_μ), PiCT_μP_μPN_μPsPj PiCT_μPμPiP[°]CT_μP[°]C,C†
P_μP[°]CT_μP±P[°]PjP[°]P[°]P_μPiC-PS C†P»C-Pr PSP_μPiP[°]PN_μPSPs PiCT_μP_μPiP_μPePSP_μPeC,P_μ C,P[°]
PiCT_μP_μPeP[°]PSP[°]C†PeC,P_μ P[°]P»CH_μC,PμCT_μPSP[°]C,P_μPIPSC† C,PμCT_μP[°]PiC-CH.

P_μP[°]CT_μPjP[°]PePsPiPμPSPsPjC-PeP[°].

P—CT_μTM C_μPIP»C_μC”C,CHC†C_μ PIC†P_μ P±C-P»CH_μC†Pμ C†PIC-PrC†PμPSC_μ PiCT_μPs PIP_μP»P_μPI
CT_μC-P[°]PSP_μPeC... P[°]P»PμP»C-PI HLA PSP[°] C†C...P_μPeC»CH_μPSC-C†C,CH PiP[°]C†C-C”PSC,P[°] PrPs
PIP_μPSP_μPePSPμPSPSC_μ PiPsP±C-C†PSP_μPeC... CT_μPμP[°]PeC†C-PN_μ, PiPsPiCT_μTM C_μP[°]PSP_μPeC... P[°]
C-PjC†PSPSPsCT_μ C†P_μPeC†C,PμPjPsCT_μ.

P—PiCT_μTM C_μP[°]PsPe C-P (HLA)-P*1502

P PμC,CT_μPsC†PiPμPeC,P_μPIPSC- PrPsC†P»C-PrP_μPμPSPSC_μ C† PiP[°]C†C-C”PSC,C-PI-
PeP_μPeC,P[°]PN_μC†C-PI PμC,PSC-C†PSPsC— PiCT_μC†PiP_μ C...P[°]PS
B PiCT_μPsPrPμPjPsPSC†C,CT_μC†P_μP»P_μ PIP_μCT_μP[°]P_μPμPSC† PePsCT_μPμP»C_μC†C-CT_μ PjC-P_μ
C†PeC-CT_μPSP_μPjP_μ CT_μPμP[°]PeC†C-C_μPjP_μ P_μY_μP_μ”/P_μP•P_μ, PiPsPiCT_μTM C_μP[°]PSP_μPePjP_μ P[°]
PeP[°]CT_μP±P[°]PjP[°]P[°]P_μPiC-PSPsPj, C,P[°] PSP[°]C_μPIPSC-C†C,CH C† C†PeC... PiP[°]C†C-C”PSC,C-PI
P»CT_μPrC†CH_μPePsPiPs P»PμPN_μPePsC†PeC,P[°]CT_μPSPsPiPs P[°]PSC,P_μPiPμPSC† (HLA), P[°]P»PμP»C_μ
(HLA)-P*1502. P[°]C-P»CH_μC†P[°] C†P[°]C†C,PsC,P[°] PIP_μPiP[°]PrPeC-PI CT_μPsP[°]PIP_μPeC,PeC† P_μY_μP_μ”
(C†PIP_μPrC†Pμ CT_μC-PrPePs, PSC-P_μ PrC†P_μPμ CT_μC-PrPePs) C...P[°]CT_μP[°]PeC,PμCT_μPSP[°] PrP»C_μ
PrPμC_μPeP_μPeC... PeCT_μP[°]C—PS P_μP[°]C-C— (PSP[°]PiCT_μP_μPeP»P[°]Pr P_μY_μPN_μPIP[°]PSC_μ,
P_μP[°]P»P[°]PN_μP[°]C-C_μ C,P[°] P_μC-P»C-PiPiC-PSP_μ), PrPμ C†PμCT_μPμPr PSP[°]C†PμP»PμPSPSC_μ
PiCT_μPμPiP[°]P»CT_μC” P[°]P»PμP»CH (HLA)-P*1502. P_μC-P»CH_μPeC-C†C,CH PSPsC†C-C—PI
C†CH_μPsPiPs P[°]P»PμP»C_μ C†PμCT_μPμPr PSP[°]C†PμP»PμPSPSC_μ P_μP[°]C-C— C†C,P[°]PSPsPIP_μPeC,CH
PiPsPSP[°]Pr 15 % PSP[°] P_μC-P»C-PiPiC-PSP[°]C..., C† P_μY_μP[°]C—P»P[°]PSP_μC-, P[°]PsPSPePsPSPiC† C,P[°]
P_μP[°]P»P[°]PN_μP[°]C-C—, PiCT_μP_μP±P»P_μPeP[°]PSPs 10 % CT_μ” C† P_μY_μPN_μPIP[°]PSC-, PjP[°]PN_μP_μ 4 % CT_μ”
C† P_μC-PIPrPμPSPSC-PN_μ P_μP[°]C-C— (PIPeP»CT_μC†P[°]CT_μC†P_μ P†PSP_μC-CT_μ) C- PjPμPSC†Pμ 1 % CT_μ”
C† PiPiPsPSC-C— C,P[°] P_μPsCT_μPμC—. PμPsC†PeCT_μPμPSPSC_μ P[°]P»PμP»C_μ (HLA)-P*1502 C”
PSPμP[°]PSP[°]C†PSP_μPj C†PμCT_μPμPr C”PIC_μPsPiPμPN_μC†CH_μPeP_μPeC...,
P[°]C,,CT_μP_μPeP[°]PSC†CH_μPeP_μPeC... PSP[°]CT_μPsPrC-PI, C†PμCT_μPμPr PePsCT_μC-PSPSPsPiPs
PSP[°]C†PμP»PμPSPSC_μ P_μPjPμCT_μP_μPeP_μPeC,C,P[°] P»P[°]C,P_μPSPsP[°]PjPμCT_μP_μPeP[°]PSC†CH_μPePsPiPs
PSP[°]C†PμP»PμPSPSC_μ.

Pj C,PeC... PiP[°]C†C-C”PSC,C-PI, C_μPeC- CT_μPsP[°]PiP»C_μPrP[°]CT_μC,CHC†C_μ C_μPe C,P[°]PeC-, C_μPs
PiPμPSPμC,PeC†PSPs PSP[°]P»PμP_μP[°]C,CH PrPs PiCT_μC†Pi CT_μP_μPeP_μPeC†, PiPμCT_μPμPr
PiPsC†P[°]C,PePsPj P»C-PeC†P_μPSPSC_μ PiCT_μPμPiP[°]CT_μP[°]C,PsPj P_μP[°]CT_μP±P[°]PjP[°]P[°]P_μPiC-PS
C†P»C-Pr PiCT_μPsPiPsPrPeC,P_μ C,PμC†C,C†P_μPSPSC_μ PSP[°] PiCT_μPeC†C†C,PSC-C†C,CH

P°P»PμP»CΠ (HLA)-P*1502. PĪPeC%Ps P°PSP°P»C-P. PSP° PĭCĥPēCĭCřC,PSC-CĭC,CH
P°P»PμP»CΠ (HLA)-P*1502 PrP°C” PĭPsP·PēC,PēPIPSpēPNē CĥPμP·CřP»CHC,P°C,, C,Ps
P»C-PeCřPIP°PSPSCΠ PĭCĥPμPĭP°CĥP°C,PsPj PĥP°CĥP±P°PjP°P·PμPĭC-PS
CĥPsP·PĭPsC±PēPSP°C,Pē PSPμ CĭP»C-Pr, PsPeCĥC-Pj PĭPēPĭP°PrPeC-PI, PePsP»Pē
PIC-PrCĭCřC,PSC- C-PSCēC- PIP°CĥC-P°PSC,Pē C,PμCĥP°PĭPμPIC,PēC±PSPsPiPs
P»C-PeCřPIP°PSPSCΠ. PμP°C†C-C”PSC,Pē, CΠPeC- PĭCĥPsPNēCēP»Pē PsP±CĭC,PμPΠPμPSPSCΠ
C,P° PsC,CĥPēPjP°P»Pē PSPμPĭP°C,PēPIPSpēPNē CĥPμP·CřP»CHC,P°C, C%PsPrPs (HLA)-B*1502,
PjP°CĥC,CH PSPēP·CHPePēPNē CĥPēP·PēPe CĥPsP·PĭPēC,PeCř PŸPŸP”, C...PsC±P° PrCřPΠPμ
CĥC-PrPePs C,P°PeC- CĥPμP°PeC†C-C— PjPsPΠCřC,CH P·CřCĭC,CĥC-C±P°C,PēCĭCH.

PķP° CĭCHPsPiPsPrPSC- C±PμCĥPμP· PIC-PrCĭCřC,PSC-CĭC,CH PrP°PSPēC... C,PsC±PSPs
PSPμPIC-PrPsPjPs, C±Pē Cř PICĭC-C... PsCĭC-P± PĭC-PIPrPμPSPSPs-CĭC...C-PrPSPsPiPs
P°P·C-PNēCĭCHPePsPiPs PĭPsC...PsPrPΠPμPSPSCΠ C-CĭPSCřCĥC,CH CĥPēP·PēPePē.B

PķP°CΠPIPSC-CĭC,CH P°P»PμP»CΠ (HLA)-P*1502 C” C,,P°PeC,PsCĥPsPj CĥPēP·PēPeCř
CĥPsP·PĭPēC,PeCř PŸPŸP”/PŸP·Pķ Cř PĭP°C†C-C”PSC,C-PI-PePēC,P°PNēC†C-PI, CΠPeC-
PsC,CĥPēPjCřCĥC,CH C-PSCēC- PĭCĥPsC,PēPμPĭC-P»PμPĭC,PēC±PSC- P·P°CĭPsP±Pē, C%Ps
PjPsPΠCřC,CH P±CřC,Pē PĭPsPIBĥ™ CΠP·P°PSC- P· PĭPēPSPēPePSPμPSPSCΠPj PŸPŸP”/PŸP·Pķ.
PŸP°PePēPj C±PēPSPsPj, CĭP»C-Pr CřPSPēPeP°C,Pē P·P°CĭC,PsCĭCřPIP°PSPSCΠ C-PSCēPēC...
PĭCĥPμPĭP°CĥP°C,C-PI, C%Ps PjPsPΠCřC,CH P±CřC,Pē PĭPsPIBĥ™ CΠP·P°PSC- C-P·
PĭPēPSPēPePSPμPSPSCΠPj PŸPŸP”/PŸP·Pķ, PĭP°C†C-C”PSC,P°Pj, CΠPeC- PjP°CĥC,CH
P°P»PμP»CH (HLA)-P*1502, CΠPeC%Ps PjPsPΠPSP° P·P°CĭC,PsCĭCřPICřPIP°C,Pē
P°P»CHC,PμCĥPSP°C,PēPIPSCř C,PμCĥP°PĭC-Cĥ. P—P°P·PĭPēC±P°PNē PSPμPjP°C”
PĭPsC,CĥPμP±Pē PĭCĥPsPiPsPrPēC,Pē PĭPμPSPμC,PēC±PSPēPNē CĭPeCĥPēPSC-PSPi
PĭP°C†C-C”PSC,C-PI C,PēC... PSP°C†C-PsPSP°P»CHPSPsCĭC,PμPNē, Cř
PĭCĥPμPrCĭC,P°PIPSpēPeC-PI CΠPePēC... PSPēP·CHPePēPNē PePsPμC,,C-C†C-C”PSC,
P°P»PμP»CΠ (HLA)-P*1502. Pj P±C-P»CHCēPsCĭC,C- PĭPēPĭP°PrPeC-PI PSPμ
CĥPμPePsPjPμPSPPrCřC”C,CHCĭCΠ PĭCĥPsPiPsPrPēC,Pē CĭPeCĥPēPSC-PSPi C...PIPsCĥPēC...,
CΠPeC- PĭPΠPμ PsC,CĥPēPjCřCĥC,CH PĥP°CĥP±P°PjP°P·PμPĭC-PS, PsCĭPeC-P»CHPePē
CĥPēP·PēPe PĭPēPSPēPePSPμPSPSCΠ PŸPŸP”/PŸP·Pķ P·PSP°C±PSPs PsP±PjPμPΠPμPSPēPNē
PĭPμCĥCēPēPjPē PeC-P»CHPePsPjP° PjC-CĭCΠC†CΠPjPē, PSPμP·P°P»PμPΠPSPs PIC-Pr
PĭCĥPēCĭCřC,PSPsCĭC,C- Cř PĭPμPSP°C... PĭP°C†C-C”PSC,P° P°P»PμP»CΠ (HLA)-P*1502.

Pj PĭP°C†C-C”PSC,C-PI C”PICĥPsPĭPμPsC—PrPSPsC— CĥP°CĭPē P·PIBĥ™ CΠP·PsPe PjC-PΠ
P°P»PμP»PμPj (HLA)-B*1502 C,P° PĭPēPSPēPePSPμPSPSCΠPj PŸPŸP” PIC-PrCĭCřC,PSC-PNē.

P—PIBĥ™ CΠP·PsPe C-P· HLA-Pĥ*3101

P>PμPNēPePsC†PēC,P°CĥPSPēPNē P°PSC,PēPiPμPS P»CHPrPēPSPē C” C,,P°PeC,PsCĥPsPj
CĥPēP·PēPeCř CĥPsP·PĭPēC,PeCř CēPeC-CĥPSPēC... PĭPsP±C-C±PSPēC... CĥPμP°PeC†C-PNē,
C,P°PePēC... CΠPe PŸPŸP”, PŸP·Pķ, PjPμPrPēPeP°PjPμPSC,PsP·PSPēPNē PĭPēCĭPēPĭ P·
PμPsP·C-PSPsC,,C-P»C-C”Cĥ C,P° CĭPēCĭC,PμPjPSPēPjPē CĭPēPjPĭC,PsPjP°PjPē (DRESS),
PĭPsCĭC,CĥPēPNē PĭPμPSPμCĥP°P»C-P·PsPIP°PSPēPNē PμPeP·P°PSC,PμPjP°C,PsP·PSPēPNē
PĭCřCĭC,CřP»CHPsP· (AGEP), PjP°PeCřP»PsPĭP°PĭCřP»CHPsP·PSPēPNē PĭPēCĭPēPĭ. PĪPeC%Ps
P°PSP°P»C-P· PĭPēCΠPIP»CΠC” PSP°CΠPIPSC-CĭC,CH P°P»PμP»CΠ HLA-Pĥ*3101, C,Ps PIC-Pr
P·P°CĭC,PsCĭCřPIP°PSPSCΠ PĭCĥPμPĭP°CĥP°C,Cř PĥP°CĥP±P°PjP°P·PμPĭC-PS CĭP»C-Pr
CřC,CĥPēPjP°C,PēCĭCΠ.

PĥP±PjPμPΠPμPSPSCΠ PĭPμPSPμC,PēC±PSPsPiPs CĭPeCĥPēPSC-PSPiCř

P PμP·CřP»CHC,P°C,Pē PĭPμPSPμC,PēC±PSPsPiPs CĭPeCĥPēPSC-PSPiCř PSPμ PĭPsPĭPēPSPSC-
P·P°PjC-PSCΠC,Pē PIC-PrPĭPsPIC-PrPSPēPNē PeP»C-PSC-C±PSPēPNē PSP°PĭP»CΠPr C,P°

P»C-PeCfPIP°PSPSCЦ PIP°C†C-C”PSC,C-PI. P PsP»CH Cр PIPePSPePePSPμPSPSC- C†PеC...
C,CЦP¶PePеC... CеPeC-CђPSPeC... PиPsP±C-C‡PSPeC... CђPμP°PeC†C-PNе
PIC-PrC-PiCђP°CHC,CH C-PSCeC- PjPsP¶P»PеPIC- C„P°PeC,PsCђPе, C,P°PeC- CЦPe
PrPsP·CрPIP°PSPSCЦ PиCђPsC,PеPμPиC-P»PμPиC,PеC‡PSPsPiPs P·P°C†PsP±Cр,
PrPsC,CђPеPjP°PSPSCЦ CђPμP¶PеPjCр C,PμCђP°PiC-C—, C†CрPiCрC,PSCC C,PμCђP°PiC-CЦ.
P’PIP»PеPI C-PSCePеC... P·P°C...PIPsCђCђPIP°PSCђ C,P° CђC-PIPμPSCђ
PjPsPSC-C,PsCђPеPSPиCр CеPeC-CђPSPeC... PиPsCђCрCеPμPSCђ PSPμ PIPePIC‡P°P»Pе.

P†PSCeC- PrPμCђPjP°C,PsP»PsPiC-C‡PSC- CђPμP°PeC†C-C—.

PђPsP¶P»PеPIPеPNе C,P°PePsP¶ CђPsP·PIPeC,PsPe C†PePsCђPsPjPеPSCрC%PеC... C,P°
C,P°PePеC..., C%Ps PSPμ P·P°PiCђPsP¶CрCHC,CH P·PrPsCђPsPIbђ™ CH, P»PμPiPePеC...
PrPμCђPjP°C,PsP»PsPiC-C‡PSPeC... CђPμP°PeC†C-PNе, PSP°PiCђPеPeP»P°Pr
C-P·PsP»CHPsPIP°PSPsC— PjP°PeCрP»CЦCђPSPsC— P°P±Ps
PjP°PeCрP»PsPIP°PiCрP»CHPsP·PSPsC— PμPeP·P°PSC,PμPjPе. P—P°P·PIPeC‡P°PNе PIPsPSPe
PjPеPSP°CHC,CH C‡PμCђPμP· PeC-P»CHPeP° PrPSC-PI P°P±Ps C,PеP¶PSC-PI CЦPe PиCђPе
PSPμP·PjC-PSPSPsPjCр PrPsP·CрPIP°PSPSC-, C,P°Pe C- PиC-C†P»CЦ P·PSPeP¶PμPSPSCЦ
PrPsP·Pе PиCђPμPIP°CђP°C,Cр. PhC†PeC-P»CHPePе CђP°PSPSC- PsP·PSP°PePе P±C-P»CHCе
C†PμCђPNеPsP·PSPeC... PrPμCђPjP°C,PsP»PsPiC-C‡PSPeC... CђPμP°PeC†C-PNе PjPsP¶Pμ
P±CрC,Pе PrCрP¶Pμ C†PeP»P°PrPSPs PIC-PrCђC-P·PSPeC,Pе PIC-Pr P»PμPiPePеC...
C†PePsCђPsPjPеPSCрC‡PеC... CђPμP°PeC†C-PNе, PиP°C†C-C”PSC, PиPsPIPePSPμPS
PиPμCђPμP±CрPIP°C,Pе PиC-Pr PиPеP»CHPSPePj PSP°PiP»CЦPrPsPj, C%PsP± PSPμPiP°PNеPSPs
PиCђPеPiPеPSPeC,Pе P·P°C†C,PsC†CрPIP°PSPSCЦ PиCђPμPiP°CђP°C,Cр, CЦPeC%Ps
CђPμP°PeC†C-CЦ PиPsC†PеP»PеC,CHC†CЦ.

PќP°CЦPIPSC-C†C,CH Cр PиP°C†C-C”PSC,P° P°P»PμP»CЦ HLA-Pђ* 3101 PиPsPIbђ™ CЦP·P°PSPs
P· PIPePSPePePSPμPSPSCЦPj PjPμPSCe C†PμCђPNеPsP·PSPeC... PSPμP±P°P¶P°PSPeC...
CђPμP°PeC†C-PNе P· P±PsPeCр CеPeC-CђPе PSP° PeP°CђP±P°PjP°P·PμPiC-PS, C,P°PePеC...
CЦPe C†PеPSPrCђPsPj PiC-PиPμCђC‡CрC,P»PеPIPsC†C,C- PrPs PиCђPsC,PеC†CрPrPsPjPSPeC...
P·P°C†PsP±C-PI P°P±Ps PSPμP·PSP°C‡PSC- PIPeC†PеPiP°PSPSCЦ
(PjP°PeCрP»PsPIP°PiCрP»CHPsP·PSPePNе PIPeC†PеPi). PhPrPSP°Pe PSPμ P±CрP»Ps
PIC†C,P°PSPsPIP»PμPSPs, C%Ps PSP°CЦPIPSC-C†C,CH (HLA)-P*1502 PjPsP¶Pμ
C†PIC-PrC‡PеC,Pе PиCђPs CђPеP·PеPe PIPePSPePePSPμPSPSCЦ
PIPeC%PμP·P°P·PSP°C‡PμPSPeC... CеPeC-CђPSPeC... CђPμP°PeC†C-PNе.

P”C-PиPμCђC‡CзC,P»PеPIC-C†C,CH. PђP°CђP±P°PjP°P·PμPiC-PS PjPsP¶Pμ
C†PiCђPsPIPsPeCрPIP°C,Pе CђPsP·PIPeC,PsPe CђPμP°PeC†C-PNе
PиC-PиPμCђC‡CрC,P»PеPIPsC†C,C-, PIPeP»CHC‡P°CHC‡Pе PjPμPrPеPeP°PjPμPSC,PsP·PSPePNе
PIPeC†PеPi P· PμPsP·PеPSPsC„C-P»C-C”CH C,P° C†PеC†C,PμPjPSPePjPе C†PеPjPiC,PsPjP°PjPе
(DRESS), PjPSPsP¶PеPSPSC- CђPμP°PeC†C-C— PиC-PиPμCђC‡CрC,P»PеPIPsC†C,C-
C†PiPsPIC-P»CHPSPsPiPs C,PеPiCр P· PиP°CђCЦC‡PePsCH, PIPeC†PеPiP°PSPSCЦPj,
PIP°C†PeCрP»C-C,PsPj, P»C-PjC„P°PrPμPSPsPiP°C,C-C”CH, PиC†PμPIPrPsP»C-PjC„PsPjPsCH,
P°CђC,CђP°P»PiC-C”CH, P»PμPNеPePsPiPμPSC-C”CH, PμPsP·PеPSPsC„C-P»C-C”CH,
PиPμPiP°C,PsC†PiP»PμPSPsPjPμPiP°P»C-C”CH, P·PjC-PSPμPSPePjPе PиPsPeP°P·PSPePeP°PjPе
C„CрPSPeC†C-C— PиPμC‡C-PSPePе C,P° C†PеPSPrCђPsPjPsPj P·PSPePePSPμPSPSCЦ
P¶PsPIC‡PSPeC... PиCђPsC,PsPe (PIPeP»CHC‡P°CHC‡Pе CђCрPNеPSCрPIP°PSPSCЦ C,P°
P·PSPePePSPμPSPSCЦ PIPSCрC,CђC-CеPSCђPsP¶PsPIC‡PSPeC... PиCђPsC,PsPe), CЦPeC-
PjPsP¶CрC,CH PиCђPsCЦPIP»CЦC,PеC†CЦ Cр CђC-P·PSPeC... PePsPjP±C-PSP°C†C-CЦC....

Py°PePsP¶ PjPsP¶P»PëPIpëPNë PIPiP»PëPI PSP° C-PSC€C- PsC¶PiP°PSPë (P»PµPiPµPSC-, PSPëC¶PePë, PiC-PrC€P»CrPSPePsPICr P·P°P»PsP·Cr, PjC-PsPeP°C¶Pr, C,PsPICrC,Cr PePëC€PeCr).

PµP°C†C-C"°PSC,C-PI P· C¶PµP°PeC†C-C¶PjPë PiC-PiPµC¶C†CrC,P»PëPIPsC†C,C- PSP° PeP°C¶P±P°PjP°P·PµPiC-PS PiPsC,C¶C-P±PSPs PiC¶PsC-PSC,,PsC¶PjCrPIP°C,Pë PiC¶Ps C,Pµ, C°°Ps PiC¶PëP±P»PëP·PSPs 25B¶"30 % C,P°PePëC... PiP°C†C-C"°PSC,C-PI C,P°PePsP¶ PjPsP¶CrC,CH PjP°C,Pë C¶PµP°PeC†C-C— PiC-PiPµC¶C†CrC,P»PëPIPsC†C,C- PSP° PsPeC†PeP°C¶P±P°P·PµPiC-PS.

PµC¶Pë P·P°C†C,PsC†CrPIP°PSPSC- PeP°C¶P±P°PjP°P·PµPiC-PSCr C,P° C,,PµPSC-C,PsC—PSCr PjPsP¶P»PëPIpëPNë C¶PsP·PIPëC,PsPe PiPµC¶PµC...C¶PµC†PSPsC— PiC-PiPµC¶C†CrC,P»PëPIPsC†C,C-.

P—P°PiP°P»PsPj PiC¶Pë PiPsC¶PIC- C†PëPjPiC,PsPjC-PI, C°°Ps PiPeP°P·CrC¶C,CH PSP° PiC-PiPµC¶C†CrC,P»PëPIC-C†C,CH, P·P°C†C,PsC†CrPIP°PSPSC¶ PiC¶PµPiP°C¶P°C,Cr PµP°C¶P±P°PjP°P·PµPiC-PS C†P»C-Pr PSPµPiP°PNëPSPs PiC¶PëPiPëPSPëC,Pë.

PkP°PiP°PrPë. PµP°C¶P±P°PjP°P·PµPiC-PS C†P»C-Pr P·P°C†C,PsC†PsPICrPIP°C,Pë P· PsP±PµC¶PµP¶PSC-C†C,C¶ PiP°C†C-C"°PSC,P°Pj P·C- P·PjC-C€P°PSPëPjPë PSP°PiP°PrP°PjPë, C¶PeC- PiPeP»C¶C†P°C¶C,CH P°P±C†P°PSC†Pë (C,PëPiPsPIC- P°P±Ps PSPµC,PëPiPsPIC-). P—P° C,P°PePëC... PsP±C†C,P°PIPëPS PiC¶PµPiP°C¶P°C, PjPsP¶Pµ PiC¶PsPIPsPeCrPIP°C,Pë PSP°PiP°PrPë. Pj C¶P°P·C- PiC¶PsPIPsPeCrPIP°PSPSC¶ PSP°PiP°PrC-PI P·P°C†C,PsC†CrPIP°PSPSC¶ PiC¶PµPiP°C¶P°C,Cr PµP°C¶P±P°PjP°P·PµPiC-PSB C†P»C-Pr PSPµPiP°PNëPSPs PiC¶PëPiPëPSPëC,Pë.

P—P±C-P»CHC€PµPSPSC¶ C†P°C†C,PsC,Pë PSP°PiP°PrC-PI PjPsP¶P»PëPIPµ PiC-Pr C†P°C† PiPµC¶PµC...PsPrCr PIC-Pr PiPµC¶PsC¶P°P»CHPSPëC... C,,PsC¶Pj PiC¶PµPiP°C¶P°C,Cr PrPs C†CrPiPsP·PëC,PsC¶C—PI.

PαCzPSPeC†C-C¶ PiPµC†C-PSPePë. PjPiC¶PsPrPsPIP¶ C,PµC¶P°PiC-C— PiC¶PµPiP°C¶P°C,PsPj PSPµPsP±C...C-PrPSPs PiC¶PsPIPsPrPëC,Pë PsC†C-PSPeCr C,,CrPSPeC†C-C— PiPµC†C-PSPePë PSP° PiPsC†P°C,PePsPIPsPjCr C¶C-PIPSC- C,P° PiPµC¶C-PsPrPëC†PSC- PsC†C-PSPePë C†C-C"°C— C,,CrPSPeC†C-C— PiC¶PsC,C¶PiPsPj C,PµC¶P°PiC-C—, PsC†PsP±P»PëPIPs Cr PiP°C†C-C"°PSC,C-PI C-P· P·P°C...PIPsC¶C¶PIP°PSPSC¶PjPë PiPµC†C-PSPePë PI P°PSP°PjPSPµP·C- C,P° Cr PiP°C†C-C"°PSC,C-PI P»C-C,PSC¶PsPiPs PIC-PeCr. PµC¶Pë PiPsC†PëP»PµPSPSC- PiPsC¶C†C€PµPSC¶ C,,CrPSPeC†C-C— PiPµC†C-PSPePë C,P° Cr C¶P°P·C- PiPµC¶PµC...PsPrCr PI P°PeC,PëPIPSCr C,,P°P·Cr P·P°C...PIPsC¶C¶PIP°PSPSC¶ PiPµC†C-PSPePë PSPµPsP±C...C-PrPSPs PSPµPiP°PNëPSPs PiC¶PëPiPëPSPëC,Pë PiC¶PëPNëPsPj PiC¶PµPiP°C¶P°C,Cr.

P"°PµC¶PeC- PiPsPeP°P·PSPëPePë P»P°P±PsC¶P°C,PsC¶PSPëC... P°PSP°P»C-P·C-PI, P·P° PrPsPiPsPjPsPiPsC¶ C¶PePëC... PsC†C-PSC¶C¶C,CH C,,CrPSPeC†C-PsPSP°P»CHPSPëPNë C†C,P°PS PiPµC†C-PSPePë, Cr PiP°C†C-C"°PSC,C-PI, C¶PeC- PiC¶PëPNëPjP°C¶C,CH PeP°C¶P±P°PjP°P·PµPiC-PS, PjPsP¶CrC,CH PiPëC...PsPrPëC,Pë P·P° PjPµP¶C- PSPsC¶PjPë, P·PsPeC¶PµPjP° C¶C-PIPµPSC¶ PiP°PjPjP°-PiP»CrC,P°PjC-P»C,C¶P°PSC†C,,PµC¶P°P·Pë (P"P°Py). PiPµ, C-PjPsPIC-C¶PSPs, PIC-PrP±CrPIP°C"°C,CHC†C¶ C†PµC¶PµP· C-PSPrCrPeC†C-C¶ PiPµC†C-PSPePsPIPëC... C,,PµC¶PjPµPSC,C-PI. P†PSPrCrPeC†C-C¶ C,,PµC¶PjPµPSC,C-PI PjPsP¶Pµ C,P°PePsP¶ PiC¶PëP·PIPsPrPëC,Pë PrPs PiPsPjC-C¶PSPsPiPs PiC-PrPIPëC°°PµPSPSC¶ C¶C-PIPSC¶ P»CrP¶PSPsC— C,,PsC†C,,P°C,P°P·Pë. Py°PePµ PiC-PrPIPëC°°PµPSPSC¶ C,,CrPSPeC†C-PsPSP°P»CHPSPsC— P°PeC,PëPIPSPsC†C,C- PiPµC†C-PSPePsPIPsPiPs PjPµC,P°P±PsP»C-P·PjCr PSPµ C"° PiPsPeP°P·P°PSPSC¶Pj PrP»C¶

PIC-PrPjC-PSPë PeP°CḡP±P°PjP°P·PμPīC-PSCř.

PŷCłP¶PeC- CḡPμP°PeC†C-C— P· P±PsPeCř PīPμC†C-PSPePë C†PμCḡPμP·
P·P°CřC,PsCřCřPIP°PSPSCł PeP°CḡP±P°PjP°P·PμPīC-PSCř
CřPīPsCřC,PμCḡC-PiP°CḡC,ChCřCł PrCřP¶Pμ CḡC-PrPePs. Pj CḡP°P·C-
PIPëPSPëPePSPμPSPSCł CřPëPjPīC,PsPjC-PI PīPμC†C-PSPePsPIPSC— PrPëCřC„CřPSPeC†C-C—
P°P±Ps P°PeC,PëPIPSPsPiPs P·P°C...PIPSCḡCḡPIP°PSPSCł PīPμC†C-PSPePë
PSPμPsP±C...C-PrPSPs C,PμCḡPjC-PSPsPiPs PsP±CřC,PμP¶PëC,Pë PīP°C†C-C”PSC,P°, P°
P»C-PeCřPIP°PSPSCł PīCḡPμPīP°CḡP°C,PsPj PḡP°CḡP±P°PjP°P·PμPīC-PS
PīCḡPëP·CřPīPëPSPëC,Pë PrPs PsC,CḡPëPjP°PSPSCł CḡPμP·CřP»ChC,P°C,C-PI
PsP±CřC,PμP¶PμPSPSCł.

PαCżPSPeC†C-Cł PSPëCḡPsPe. P PμPePsPjPμPSPřCřC”C,ChCřCł PīCḡPsPiPsPrPëC,Pë
PsC†C-PSPeCř C„CřPSPeC†C-C— PSPëCḡPsPe C,P° PIPëP·PSP°C†PμPSPSCł CḡC-PIPSCł
P°P·PsC,Cř CřPμC†PsPIPëPSPë PeCḡPsPIC- PSP° PīPsC†P°C,PeCř C,P° PīPμCḡC-PsPrPëC†PSPs
PīCḡPsC,CłPiPsPj PeCřCḡCř C,PμCḡP°PīC-C—.

P”C-PiPsPSP°C,CḡC-C”PjC-Cł. P’C-PrPsPjC- PIPëPīP°PrPePë CḡPsP·PIPëC,PeCř
PiC-PīPsPSP°C,CḡC-C”PjC-C— PīCḡPë P·P°CřC,PsCřCřPIP°PSPSC-
PeP°CḡP±P°PjP°P·PμPīC-PSCř. Pj PīP°C†C-C”PSC,C-PI P· CřP¶Pμ PSP°CłPIPSPëPj
PīPsCḡCřC€PμPSPSCłPj C„CřPSPeC†C-C— PSPëCḡPsPe, CłPePμ PīPsPiBḡ™ CłP·P°PSPs P·C-
P·PSPëP¶PμPSPëPj CḡC-PIPSμPj PSP°C,CḡC-Cḡ, C,P° Cř PīP°C†C-C”PSC,C-PI, C%oPs
P»C-PeCřCḡC,ChCřCł P»C-PeP°CḡCřChPePëPjPë P·P°CřPsP±P°PjPë, CłPeC-
P·PSPëP¶CřCḡC,Ch CḡC-PIPμPSCh PSP°C,CḡC-Cḡ (C,P°PePëPjPë CłPe PrC-CřCḡPμC,PëPePë,
P»C-PeP°CḡCřChPeC- P·P°CřPsP±Pë, CłPeC- P°CřPsC†C-CḡCḡC,ChCřCł P·
PSPμP°PrPμPePIP°C,PSPsCḡ CřPμPeCḡPμC†C-C”Cḡ P°PSC,PëPrC-CřCḡPμC,PëC†PSPsPiPs
PiPsCḡPjPsPSCř), PīPμCḡPμPr P»C-PeCřPIP°PSPSCłPj CřP»C-Pr PIPëPjC-CḡCłC,Pë
CḡC-PIPμPSCh PSP°C,CḡC-Cḡ PI PeCḡPsPIC-. P”P°P»C- CřP»C-Pr PIPëPjC-CḡCḡPIP°C,Pë
PePsP¶PSC- 2 C,PëP¶PSC-, PīPsC,C-Pj Bḡ” P· C-PSC,PμCḡPIP°P»PsPj PI PsPrPëPS
PjC-CřCłC†Ch PīCḡPsC,CłPiPsPj PīPμCḡC€PëC... C,CḡChPsC... PjC-CřCłC†C-PI
P»C-PeCřPIP°PSPSCł P°P±Ps P·PiC-PrPSPs P· PeP»C-PSC-C†PSPsCḡ
PSPμPsP±C...C-PrPSC-CřC,Cḡ. PīPμ CřC,PsCřCřC”C,ChCřCł Cř PīPμCḡC€Cř C†PμCḡPiCř
PīP°C†C-C”PSC,C-PI P»C-C,PSChPsPiPs PIC-PeCř. Pj C,P°PePsPjCř PIPëPīP°PrPeCř CřP»C-Pr
PsP±PjPμP¶CřPIP°C,Pë PeC-P»ChPeC-CřC,Ch PIP¶PëPIP°PSPSCł PIPsPrPë.

P”C-PiPsC,PëCḡPμPsC—PrPëP·Pj. PḡP°CḡP±P°PjP°P·PμPīC-PS PjPsP¶Pμ P·PSPëP¶CřPIP°C,Pë
PePsPSC†PμPSC,CḡP°C†C-Cḡ PiPsCḡPjPsPSC-PI C%oPëC,PsPIPëPrPSPsC— P·P°P»PsP·Pë. Pj
P·PiBḡ™ CłP·PeCř P· C†PëPj PSPμPsP±C...C-PrPSPμ P·P±C-P»ChC€PμPSPSCł PrPsP·Pë
P·P°PjC-CřPSPsC— C,PμCḡP°PīC-C— PiPsCḡPjPsPSP°PjPë C%oPëC,PsPIPëPrPSPsC—
P·P°P»PsP·Pë PrP»Cł PīP°C†C-C”PSC,C-PI P· PiC-PīPsC,PëCḡPμPsC—PrPëP·PjPsPj.

PḡPSC,PëC...PsP»C-PSPμCḡPiC-C†PSC- PμC„PμPeC,Pë. PḡP°CḡP±P°PjP°P·PμPīC-PS
PīCḡPsCłPIP»CłC” PīPsPjC-CḡPSCř P°PSC,PëC...PsP»C-PSPμCḡPiC-C†PSCř
P°PeC,PëPIPSC-CřC,Ch. PŷP°PePëPj C†PëPSPsPj, PīP°C†C-C”PSC,Pë P· PīC-PrPIPëC%oPμPSPëPj
PIPSCřC,CḡC-C€PSChPsPsC†PSPëPj C,PëCřPePsPj C,P° P·P°C,CḡPëPjPePsCḡ CřPμC†C-
PīPsPIPëPSPSC- PīPμCḡPμP±CřPIP°C,Pë PīC-Pr PīPëP»ChPSPëPj PSP°PiP»CłPrPsPj PīC-Pr
C†P°Cř C,PμCḡP°PīC-C—.

PμCřPëC...C-C†PSC- PμC„PμPeC,Pë. PŷP»C-Pr PīP°PjBḡ™ CłC,P°C,Pë PīCḡPs
C-PjPsPIC-CḡPSC-CřC,Ch P°PeC,PëPIC-P·P°C†C-C— P»P°C,PμPSC,PSPsPiPs PīCřPëC...PsP·Cř,
B Cř PīP°C†C-C”PSC,C-PI P»C-C,PSChPsPiPs PIC-PeCř Bḡ” CřPīP»CřC,P°PSPsCřC,C-
CřPIC-PrPsPjPsCřC,C- P°P±Ps P·P±CřPrP¶PμPSPsCřC,C-.

PŸCžC—C†PëPrP°P»CHbPSC- PrCžPjPePë C,P° PİPsPIPµPrC-PSPeP°. P'CrP»Ps
P·P°CŦPµC"ClC,CŦPsPIP°PSPs PeC-P»CHbPeP° ClPIC-PrC†PµPSCb PİCŦPs
ClC†C—C†PëPrP°P»CHbPSC- PrC†PjPePë C- PİPsPIPµPrC-PSPeCr Cr PİP°C†C-C"PSC,C-PI,
ClPeC- PsC,CŦPëPjCrPIP°P»Pë PİCŦPsC,PëPµPİC-P»PµPİC,PëC†PSC- PİCŦPµPİP°CŦP°C,Pë.
PbPµC,P°P°PSP°P»C-P. PrP°PSPëC..., PsC,CŦPëPjP°PSPëC... Cr C...PsPrC- PİP»P°C†PµP±Ps-
PePsPSC,CŦPsP»CHbPsPIP°PSPëC... PrPsClP»C-PrP¶PµPSCb
PİCŦPsC,PëPµPİC-P»PµPİC,PëC†PSPëC... PİCŦPµPİP°CŦP°C,C-PI, C,P°PePsP¶ PİPsPeP°P·P°PI
PrPµClPePµ PİC-PrPIPëC%PµPSPSCl CŦPëP·PëPeCr PİPsClPIPë
ClC†C—C†PëPrP°P»CHbPSPëC... PrC†PjPsPe C- PİPsPIPµPrC-PSPePë. PbPµC...P°PSC-P·Pj
PIPëPSPëPePSPµPSPSCl C,P°PePsPİPs CŦPëP·PëPeCr PSPµPIC-PrPsPjPëPn, P°
PrPsClC,C†PİPSC- PrP°PSC- PSPµ PIPëPeP»CŦC†P°CŦC,CH PİC-PrPIPëC%PµPSPSCl
CŦPëP·PëPeCr ClC†C—C†PëPrP°P»CHbPSPëC... PrC†PjPsPe C- PİPsPIPµPrC-PSPePë Cr CŦP°P·C-
P»C-PeCrPIP°PSPSCl PeP°CŦP±P°PjP°P·PµPİC-PSPsPj.

PŸPsPjCr PİP°C†C-C"PSC,C-PI PSPµPsP±C...C-PrPSPs PİPµCŦPµPIC-CŦPëC,Pë PSP°
PSP°ClPIPSC-ClC,CH ClC†C—C†PëPrP°P»CHbPSPëC... PrC†PjPsPe C,P° PİPsPIPµPrC-PSPePë C-,
ClPeC%Ps PİPsC,CŦC-P±PSPs, PİCŦPëP·PSP°C†PëC,Pë PIC-PrPİPsPIC-PrPSPµ
P»C-PeCrPIP°PSPSCl. PµP°C†C-C"PSC,P°Pj (C,P° PsClPsP±P°Pj, ClPeC-
PrPsPİP»ClPrP°CŦC,CH P·P° PİP°C†C-C"PSC,P°PjPë) ClP»C-Pr CŦPµPePsPjPµPSPrCrPIP°C,Pë
P·PIPµCŦPSCrC,PëClCl PrPs P»C-PeP°CŦCl Cr CŦP°P·C- PİPsClPIPë PsP·PSP°Pe
ClC†C—C†PëPrP°P»CHbPSPëC... PrC†PjPsPe C,P° PİPsPIPµPrC-PSPePë.

P·PSPrPsPeCŦPëPSPSC- PµC,,PµPeC,Pë. PŞPµCŦPµP· C-PSPrCrPeC†C-CŦ C,,PµCŦPjPµPSC,C-PI
PİPµC†C-PSPePë PŦP°CŦP±P°PjP°P·PµPİC-PS PjPsP¶Pµ ClC,P°C,Pë PİCŦPëC†PëPSPsCŦ
P·PSPëP¶PµPSPSCl C,PµCŦP°PİPµPIC,PëC†PSPsPİPs PµC,,PµPeC,C† PİCŦPµPİP°CŦP°C,C-PI
PµClC,CŦPsPİPµPSC-PI C,P°/P°P±Ps PİCŦPsPİPµClC,PµCŦPsPSCr. PİPµ PjPsP¶Pµ
PİCŦPëP·PIPµClC,Pë PrPs P·PSPëP¶PµPSPSCl PµC,,PµPeC,PëPIPSPsClC,C-
PePsPSC,CŦP°C†PµPİC†C-C—, CŦPµC†PëPrPëPICr ClPëPjPİC,PsPjC-PI P°P±Ps
PİCŦPsCŦPëPIPSPëC... PeCŦPsPIPsC,PµC† C†Pë PeCŦPsPlbŦ™ ClIPSPëC... PIPëPrC-P»PµPSCb.
PµP°C†C-C"PSC,PePë, ClPeC- PİCŦPëPnëPjP°CŦC,CH PŦP°CŦP±P°PjP°P·PµPİC-PS C- PrP»Cl
ClPePëC... PİPsCŦPjPsPSP°P»CHbPSP° PePsPSC,CŦP°C†PµPİC†C-Cl C"
PSPµPsP±C...C-PrPSPsCŦ, PİPsPIPëPSPSC- PsC,CŦPëPjCrPIP°C,Pë PİCŦPµPİP°CŦP°C,, C%Ps
PjC-ClC,PëC,CH PSPµ PjPµPSC€Pµ 50 PjPePİ PµClC,CŦPsPİPµPSCr, P°P±Ps PrP»Cl C,P°PePëC...
PİP°C†C-C"PSC,PsPe ClP»C-Pr CŦPsP·PİP»ClPSCrC,Pë PjPsP¶P»PëPIC-ClC,CH
PIPëPePsCŦPëClC,P°PSPSCl P°P»CHbC,PµCŦPSP°C,PëPIPSPëC...
PSPµPİPsCŦPjPsPSP°P»CHbPSPëC... PjPµC,PsPrC-PI PePsPSC,CŦP°C†PµPİC†C-C—.

PbPsPSC-C,PsCŦPëPSPİ CŦC-PIPSCl PİCŦPµPİP°CŦP°C,Cž Cž PİP»P°P·PjC- PeCŦPsPIC-.
PkPµP·PIP°P¶P°CŦC†Pë PSP° C,Pµ, C%Ps PePsCŦPµP»ClC†C-Cl PjC-P¶ PrPsP·CrPIP°PSPSClPj
C,P° CŦC-PIPSPµPj PeP°CŦP±P°PjP°P·PµPİC-PSCr Cr PİP»P°P·PjC- PeCŦPsPIC-, P° C,P°PePsP¶
PjC-P¶ CŦC-PIPSPµPj PeP°CŦP±P°PjP°P·PµPİC-PSCr Cr PİP»P°P·PjC- PeCŦPsPIC- C,P°
PeP»C-PSC-C†PSPsCŦ PµC,,PµPeC,PëPIPSC-ClC,CŦ C- PİPµCŦPµPSPsClPëPjC-ClC,CŦ
PSPµPrPsClC,PsPIC-CŦPSP°, PjPsPSC-C,PsCŦPëPSPİ CŦC-PIPSCl PİCŦPµPİP°CŦP°C,C† Cr
PİP»P°P·PjC- PeCŦPsPIC- PjPsP¶Pµ P±CrC,Pë PrPsC†C-P»CHbPSPëPj Cr C,P°PePëC...
PIPëPİP°PrPeP°C...: PİCŦPë CŦP°PİC,PsPIPsPjCr PİC-PrPIPëC%PµPSPSC- C†P°ClC,PsC,Pë
PSP°PİP°PrC-PI, PİPµCŦPµPIC-CŦC†C- PePsPjPİP»P°C"PSClCr PİP°C†C-C"PSC,P°, Cr
PİPµCŦC-PsPr PIP°PİC-C,PSPsClC,C-, Cr CŦP°P·C- P»C-PeCrPIP°PSPSCl PrC-C,PµPn C,P°
PİC-PrP»C-C,PeC-PI; PİCŦPë PİC-PrPsP·CŦC- PSP° PİPsCŦCrC€PµPSPSCl
P°P±ClPsCŦP±C†C-C—, PİCŦPë PİC-PrPsP·CŦCŦPIP°PSC-Pn C,PsPeClPëC†PSPsClC,C- C,P°
PİCŦPë P·P°ClC,PsClCrPIP°PSPSC- P±C-P»CHbC€Pµ PsPrPSPsPİPs PİCŦPµPİP°CŦP°C,C†.

P-C-PSPePë CĥPμPīCĥPsPrCžPeC,PëPIPSPsPiPs PIC-PeCž. PĥP°CĥP±P°PjP°P·PμPīC-PS PjPsP¶Pμ P·P°PIPṛP°C,Pë C€PePsPrPë PīP»PsPrCṛ PīCĥPë P·P°CīC,PsCīCṛPIP°PSPSC- PIP°PiC-C,PSPsCĥ P¶C-PSPePsCĥ. PμCĥPμPSP°C,P°P»CĥPSPëPNë PIPīP»PëPI PeP°CĥP±P°PjP°P·PμPīC-PS Cṛ PjPsP¶Pμ PīC-PrPIPëC%oPëC,Pë CĥPëP·PëPe CīPμCĥPNëPsP·PSPëC... PICĥPsPrP¶PμPSPëC... PIP°Pr CĥPsP·PIPëC,PeCṛ C,P° C-PSC€PëC... PSPμCīPīCĥPëCīC,P»PëPIPëC... PSP°CīP»C-PrPeC-PI (PrPëPI. CĥPsP·PrC-P» B«P—P°CīC,PsCīCṛPIP°PSPSCī Cṛ PīPμCĥC-PsPr PIP°PiC-C,PSPsCīC,C- P°P±Ps PiPsPrCṛPIP°PSPSCī PīCĥCṛPrPrCĥB»).

PīPeC%oPs PīC-CīP»Cī CĥPμC,PμP»CĥPSPsPiPs CĥPsP·PiP»CīPrCṛ P°P»CĥC,PμCĥPSP°C,PëPIPSPëC... PIP°CĥC-P°PSC,C-PI P»C-PeCṛPIP°PSPSCī PSPμ P±CṛPrPμ PIPëP·PSP°PSPs, C%oPs PePsCĥPëCīC,Cĥ PīPμCĥPμPIP°P¶P°C” CĥPëP·PëPePë, PeP°CĥP±P°PjP°P·PμPīC-PS PSPμ CīP»C-Pr P·P°CīC,PsCīPsPICṛPIP°C,Pë P¶C-PSPeP°Pj CĥPμPīCĥPsPrCṛPeC,PëPIPSPsPiPs PIC-PeCṛ. P-C-PSPePë CĥPμPīCĥPsPrCṛPeC,PëPIPSPsPiPs PIC-PeCṛ PīPsPIPëPSPSC- P±CṛC,Pë PīPsPIPSC-CīC,Cĥ PīCĥPsC-PSC,,PsCĥPjPsPIP°PSC- PīCĥPs PīPsC,PμPSC†C-PNëPSPëPNë CĥPëP·PëPe PrP»Cī PīP»PsPrP°, CīPeC%oPs PIPsPSPë PīCĥPëPNëPjP°CĥC,Cĥ PeP°CĥP±P°PjP°P·PμPīC-PS PīC-Pr C†P°Cī PIP°PiC-C,PSPsCīC,C-.

PμPμCĥPμPr PīPsC†P°C,PePsPj P»C-PeCṛPIP°PSPSCī PeP°CĥP±P°PjP°P·PμPīC-PSPsPj P¶C-PSPeP°Pj CĥPμPīCĥPsPrCṛPeC,PëPIPSPsPiPs PIC-PeCṛ CīP»C-Pr CĥPsP·PiP»CīPSCṛC,Pë PjPsP¶P»PëPIC-CīC,Cĥ PīCĥPsIPμPrPμPSPSCī C,PμCīC,Cṛ PSP° PIP°PiC-C,PSC-CīC,Cĥ.

P-C-PSPePë CĥPμPīCĥPsPrCṛPeC,PëPIPSPsPiPs PIC-PeCṛ PīPsPIPëPSPSC- PIPëPePsCĥPëCīC,PsPICṛPIP°C,Pë PμC,,PμPeC,PëPIPSCṛ PePsPSC,CĥP°C†PμPīC†C-Cĥ PīC-Pr C†P°Cī P»C-PeCṛPIP°PSPSCī C,P° PīCĥPsC,CīPiPsPj PrPIPsC... C,PëP¶PSC-PI PīC-CīP»Cī PīCĥPëPīPëPSPμPSPSCī P»C-PeCṛPIP°PSPSCī. P§PμCĥPμP· C-PSPrCṛPeC†C-Cĥ C,,PμCĥPjPμPSC,C-PI PeP°CĥP±P°PjP°P·PμPīC-PS PjPsP¶Pμ PīCĥPëP·PIPμCīC,Pë PrPs PīPsCĥCṛC€PμPSPSCī C,PμCĥP°PīPμPIC,PëC†PSPsPiPs PμC,,PμPeC,Cṛ PīPsCĥPjPsPSP°P»CĥPSPëC... PePsPSC,CĥP°C†PμPīC,PëPIC-PI, C,PsPjCṛ P¶C-PSPeP°Pj CĥPμPīCĥPsPrCṛPeC,PëPIPSPsPiPs PIC-PeCṛ CīP»C-Pr PīCĥPsPePsPSCīCṛP»CĥC,CṛPIP°C,PëCīCī C%oPsPrPs PIPëPePsCĥPëCīC,P°PSPSCī C-PSC€PëC... PμC,,PμPeC,PëPIPSPëC... PjPμC,PsPrC-PI PePsPSC,CĥP°C†PμPīC†C-C— (PrPëPI. CĥPsP·PrC-P»Pë B«P·P°P°C”PjPsPrC-Cī P· C-PSC€PëPjPë P»C-PeP°CĥCīCĥPePëPjPë P·P°CīPsP±P°PjPë C,P° C-PSC€C- PIPëPrPë PIP·P°C”PjPsPrC-PNëB» C,P° B«P—P°CīC,PsCīCṛPIP°PSPSCī Cṛ PīPμCĥC-PsPr PIP°PiC-C,PSPsCīC,C- P°P±Ps PiPsPrCṛPIP°PSPSCī PīCĥCṛPrPrCĥB»).

P-C-PSPeP°Pj CĥPμPīCĥPsPrCṛPeC,PëPIPSPsPiPs PIC-PeCṛ CīP»C-Pr PīCĥPsPePsPSCīCṛP»CĥC,CṛPIP°C,PëCīCī P· P»C-PeP°CĥPμPj, CīPe C,C-P»CĥPePë PIPsPSP° PīP»P°PSCṛC” PIP°PiC-C,PSC-CīC,Cĥ, C%oPsP± PsP±PiPsPIPsCĥPëC,Pë PīPμCĥPμC...C-Pr PSP° P°P»CĥC,PμCĥPSP°C,PëPIPSPμ P»C-PeCṛPIP°PSPSCī PrPs P·P°C†P°C,C,Cī C,P° PrPs PīCĥPëPīPëPSPμPSPSCī PePsPSC,CĥP°C†PμPīC†C-C— (PrPëPI. CĥPsP·PrC-P» B«P—P°CīC,PsCīCṛPIP°PSPSCī Cṛ PīPμCĥC-PsPr PIP°PiC-C,PSPsCīC,C- P°P±Ps PiPsPrCṛPIP°PSPSCī PīCĥCṛPrPrCĥB»).

P-C-PSPeP°Pj CĥPμPīCĥPsPrCṛPeC,PëPIPSPsPiPs PIC-PeCṛ CīP»C-Pr PīPsCĥP°PrPëC,Pë PSPμPIP°PNëPSPs P·PIPμCĥPSCṛC,PëCīCī PrPs P»C-PeP°CĥCī, CīPeC%oPs PIPsPSP° P·P°PIP°PiC-C,PSC-P»P° P°P±Ps PrCṛPjP°C”, C%oPs PjPsP¶Pμ P±CṛC,Pë PIP°PiC-C,PSP°, C- PīCĥPëPNëPjP°C” PeP°CĥP±P°PjP°P·PμPīC-PS.

P—PSPëP¶PμPSPSCī PrPsP·Pë C,P° CīPëPSPṛCĥPsPj PIC-PrPjC-PSPë PīCĥPμPīP°CĥP°C,Cž. P P°PīC,PsPIP° PIC-PrPjC-PSP° PīCĥPμPīP°CĥP°C,Cṛ PjPsP¶Pμ CīPīCĥPsPIPsPeCṛPIP°C,Pë PSP°PīP°PrPë, C,PsPjCṛ PeP°CĥP±P°PjP°P·PμPīC-PS CīP»C-Pr PIC-PrPjC-PSCīC,Pë

PiPsCfC,CfPiPsPIPs PiCfPsC,CiPiPsPj 6 PjC-CfCfCfC-PI. PpCfPe PSPuPsP±C...C-PrPSPsCfC,C-
PSPuPiP°PN°PSPsC— PIC-PrPjC-PSPe PiCfPuPiP°CfP°C,Cf PiP°CfC-C"PSC,P°Pj P·
PuPiC-P»PuPiCfC-C"Ch PiPuCfPuC...C-Pr PSP° PSPsPIPePN°
PiCfPsC,PePuPiC-P»PuPiC,PeC±PSPePN° PiCfPuPiP°CfP°C, PiPsC,CfC-P±PSPs
P·PrC-PN°CfPSCfPiP°C,Pe PSP° C,P»C- C,PuCfP°PiC-C— PIC-PrPiPsPIC-PrPSPePjPe
P»C-PeP°CfCfChPePePjPe P·P°CfPsP±P°PjPe.

*P—P°CfC,PsCfCzPIP°PSPSCfC Cž PiPuCfC-PsPr PIP°PiC-C,PSPsCfC,C- P°P±Ps
PiPsPrCzPIP°PSPSCfC PiCfCzPrPrCh.*

P'P°PiC-C,PSC-CfC,Ch

P—P°PiP°P»CHPSPePN° CfPeP·PePe, PiPsPiBf™ CiP·P°PSPePN° C-P·
P·P°CfC,PsCfCfPIP°PSPSCfCj PiCfPsC,PePuPiC-P»PuPiC,PeC±PSPeC...
P»C-PeP°CfCfChPePeC... P·P°CfPsP±C-PI (PuP»P—)

PjCfC-Pj P¶C-PSPeP°Pj CfPuPiCfPsPrCfPeC,PePIPsPiPs PIC-PeCf, CiPeC-
PiCfPePN°PjP°ChC,Ch PiCfPsC,PePuPiC-P»PuPiC,PeC±PSCf C,PuCfP°PiC-Ch,
PsCfPsP±P»PePIPs P¶C-PSPeP°Pj, CiPeC- PiP»P°PSCfChC,Ch PIP°PiC-C,PSC-CfC,Ch, C,P°
PIP°PiC-C,PSPePj P¶C-PSPeP°Pj, CfP»C-Pr PSP°PrP°PIP°C,Pe PjPuPrPeC±PSC- PiPsCfP°PrPe
C°%PsPrPs PiPsC,PuPSCfC-PN°PSPsPiPs CfPeP·PePeCf PrP»Ci PiP»PsPrP° Cf P·PiBf™ CiP·PeCf
CiPe C-P· CfCfPrPsPjP°PjPe, C,P°Pe C- P· PiCfPsC,PePuPiC-P»PuPiC,PeC±PSPePj
P»C-PeCfPIP°PSPSCfCj.

PŸP»C-Pr CfPSPePeP°C,Pe CfP°PiC,PsPIPsPiPs PiCfPePiPePSPuPSPSCfC
P·P°CfC,PsCfCfPIP°PSPSCfC PuP»P—, PsCfPeC-P»CHPePe C†Pu PjPsP¶Pu PiCfPeP·PiPuCfC,Pe
PrPs PIPePSPePePSPuPSPSCfC CfCfPrPsPj, CiPeC- PjPsP¶CfC,Ch PjP°C,Pe CfPuCfPN°PsP·PSC-
PSP°CfP»C-PrPePe PrP»Ci P¶C-PSPePe C,P° PjP°PN°P±CfC,PSCHPsC— PrPeC,PePSPe.

PiPeC°%Ps C†Pu PjPsP¶P»PePIPs, PrP»Ci P»C-PeCfPIP°PSPSCfC PuPiC-P»PuPiCfC-C— PiC-Pr
C±P°Cf PIP°PiC-C,PSPsCfC,C- PSP°PrP°C"C,ChCfCi PiPuCfPuPiP°PiP°
PjPsPSPsC,PuCfP°PiC-C—, PsCfPeC-P»CHPePe C,PuCfP°PiC-CfB PeC-P»CHPePsPjP° PuP»P—
PjPsP¶Pu P±CfC,Pe PiPsPiBf™ CiP·P°PSP° P· P±C-P»CHC€ PIPeCfPsPePePj CfPeP·PePePsPj
PICfPsPrP¶PuPSPeC... PIP°Pr CfPsP·PiPeC,PeCf.

P PeP·PePePe, PiPsPiBf™ CiP·P°PSC- P· PeP°CfP±P°PjP°P·PuPiC-PSPsPj

P°P°CfP±P°PjP°P·PuPiC-PS PiCfPsPSPePeP°C" PeCfC-P·Ch PiP»P°C†PuPSC,P°CfPSPePN°
P±P°CfBf™ C"Cf. PpCfPuPSP°C,P°P»CHPSPePN° PIPiP»PePI PeP°CfP±P°PjP°P·PuPiC-PSCf
PjPsP¶Pu PiC-PrPiPeC°%PeC,Pe CfPeP·PePePe PICfPsPrP¶PuPSPeC... PIP°Pr CfPsP·PiPeC,PeCf
C,P° C-PSC€PeC... PSPuCiPiCfPeCiC,P»PePIPeC... PSP°CfP»C-PrPeC-PI. P'PiP»PePI
PeP°CfP±P°PjP°P·PuPiC-PSCf PiC-Pr C±P°Cf PIP°PiC-C,PSPsCfC,C- PiPsPiBf™ CiP·P°PSPePN° P·
C±P°CfC,PsC,PsCh CfPuCfPN°PsP·PSPeC... PIP°Pr CfPsP·PiPeC,PeCf, C°%Ps Pi 2Bf"3 CfP°P·Pe
PiPeC°%P°, PSC-P¶ Cf P·P°PiP°P»CHPSC-PN° PiPsPiCfP»CiCfC-C—, PrPu PIPsPSP°
CfC,P°PSPsPIPeC,Ch 2Bf"3 %. PuPsPIC-PrPsPjP»CiP»PsCfCi PiCfPs C,P°PeC- PIP°PrPe
CfPsP·PiPeC,PeCf, CiPe PrPuC,,PuPeC,Pe PSPuCfPIPsPIPsC— C,CfCfP±PePe PiP»PsPrP°,
C†PuCfPuPiPSPs-P»PeC†CHPsPIC- PrPuC,,PuPeC,Pe, C,P°PeC- CiPe CfC°%PuP»PePSP°
PiCfP±Pe/PiC-PrPSPuP±C-PSPSCfC, CfPuCfC†PuPIPs-CfCfPrPePSPSC- PIP°PrPe
CfPsP·PiPeC,PeCf, PiC-PiPsCfPiP°PrC-Cf, PiC-PiPsPiP»P°P·C-Cf PiP°P»CHC†C-PI C,P°
C-PSC€C- P°PSPsPjP°P»C-C—, C°%Ps PiPsC€PeCfChChC,ChCfCi PSP° CfC-P·PSC-

PkPsPIPsPSP°CḡPsPrP¶PμPSC-. P''P»Cḡ PīPsPīPμCḡPμPrP¶PμPSPSCḡ PīPsCḡCfC€PμPSCḡ
P·PiPsCḡC,P°PSPSCḡ PeCḡPsPIC- Cḡ PrPēC,PēPSPē C,P°PePsP¶
CḡPμPePsPjPμPSPPrPsPIP°PSPs PrP°PIP°C,Pē PIC-C,P°PjC-PS Pḡ₁ PjP°C,PμCḡC-
PīCḡPsC,CḡPiPsPj PsCḡC,P°PSPSC-C... C,PēP¶PSC-PI PIP°PiC-C,PSPsCḡC,C-, P°
C,P°PePsP¶ PSPsPIPsPSP°CḡPsPrP¶PμPSPēPj.

P'C-PrPsPjC- PeC-P»CHPeP° PIPēPīP°PrPeC-PI CḡCfPrPsPj C,P°/P°P±Ps
PīCḡPēPiPSC-C†PμPSPSCḡ PrPēC...P°PSPSCḡ Cḡ PSPsPIPsPSP°CḡPsPrP¶PμPSPēC...,
PeC-P»CHPeP° PIPēPīP°PrPeC-PI P±P»CḡPIP°PSPSCḡ, PrC-P°CḡPμC— C,P°/P°P±Ps
PīPsPiP°PSPsPiPs P°PiPμC,PēC,Cḡ Cḡ PSPsPIPsPSP°CḡPsPrP¶PμPSPēC..., C%Ps
PīPsPIḡḡ™ CḡP·CḡCḡC,CH C-P· PīCḡPēPNēPsPjPsPj PeP°CḡP±P°PjP°P·PμPīC-PSCḡ C,P°
C-PSC€PēC... PīCḡPsC,PēCḡCfPrPsPjPSPēC... PīCḡPμPīP°CḡP°C,C-PI.

P-C-PSPePē CḡPμPīCḡPsPrCḡPeC,PēPIPSPsPiPs PIC-PeCḡ

PḡP°CḡP±P°PjP°P·PμPīC-PS PSPμ CḡP»C-Pr P·P°CḡC,PsCḡPsPICḡPIP°C,Pē P¶C-PSPeP°Pj
CḡPμPīCḡPsPrCḡPeC,PēPIPSPsPiPs PIC-PeCḡ, CḡPeC- PSPμ PIPēPePsCḡPēCḡC,PsPICḡCḡC,CH
P·P°CḡPsP±C-PI PePsPSC,CḡP°C†PμPīC†C-C—, P·P° PIPēPSCḡC,PePsPj PIPēPīP°PrPeC-PI,
PePsP»Pē PīPsC,PμPSC†C-PNēPSC- PePsCḡPēCḡC,CH/CḡPēP·PēPe C,PμCḡP°PīC-C—
PeP°CḡP±P°PjP°P·PμPīC-PSPsPj PīPμCḡPμPIP°P¶P°CḡC,CH C,P°PeC-
P°P»CHC,PμCḡPSP°C,PēPIPSPēC... PIP°CḡC-P°PSC,C-PI P»C-PeCḡPIP°PSPSCḡ. P-C-PSPeP°
PīPsPIPēPSPSP° P±CḡC,Pē PīPsPIPSC-CḡC,Cḡ PīPsC-PSC,,PsCḡPjPsPIP°PSP° C-
CḡPsP·CḡPjC-C,Pē PīPsC,PμPSC†C-PNēPSPēPNē CḡPēP·PēPe PrP»Cḡ PīP»PsPrP° PīCḡPē
PīCḡPēPNēPsPjC- PeP°CḡP±P°PjP°P·PμPīC-PSCḡ PīC-Pr C†P°Cḡ PIP°PiC-C,PSPsCḡC,C-, C,PsPjCḡ
PIP°P¶P»PēIPs PīP»P°PSCḡPIP°C,Pē PIP°PiC-C,PSC-CḡC,CH P·P°P·PrP°P»PμPīC-PrCH.
PμPμCḡPμPr PīPsC†P°C,PePsPj P»C-PeCḡPIP°PSPSCḡ PeP°CḡP±P°PjP°P·PμPīC-PSPsPj CḡP»C-Pr
CḡPsP·PīP»CḡPSCḡC,Pē PjPsP¶P»PēPIC-CḡC,CH PīCḡPsPIPμPrPμPSPSCḡ C,PμCḡC,Cḡ PSP°
PIP°PiC-C,PSC-CḡC,CH Cḡ P¶C-PSPsPe CḡPμPīCḡPsPrCḡPeC,PēPIPSPsPiPs PIC-PeCḡ.

P-C-PSPePē CḡPμPīCḡPsPrCḡPeC,PēPIPSPsPiPs PIC-PeCḡ PīPsPIPēPSPSC-
PIPēPePsCḡPēCḡC,PsPICḡPIP°C,Pē PμC,,PμPeC,PēPIPSCḡ PePsPSC,CḡP°C†PμPīC†C-Cḡ PīC-Pr
C†P°Cḡ C,P° PīC-CḡP»Cḡ PīCḡPēPīPēPSPμPSPSCḡ P»C-PeCḡPIP°PSPSCḡ PīCḡPsC,CḡPiPsPj
PrPIPSC... C,PēP¶PSC-PI. PḡPμCḡPμP· C-PSPrCḡPeC†C-Cḡ C,,PμCḡPjPμPSC,C-PI
PeP°CḡP±P°PjP°P·PμPīC-PS PjPsP¶Pμ PīCḡPēP·PIPμCḡC,Pē PrPs PīPsCḡCfC€PμPSPSCḡ
C,PμCḡP°PīPμPIC,PēC†PSPsPiPs PμC,,PμPeC,Cḡ PīPsCḡPjPsPSP°P»CHPSPēC...
PePsPSC,CḡP°C†PμPīC,PēPIC-PI (PrPēPI. CḡPsP·PrC-P» B«P'P·P°C''PjPsPrC-Cḡ P· C-PSC€PēPjPē
P»C-PeP°CḡCḡCHPePēPjPē P·P°CḡPsP±P°PjPē C,P° C-PSC€C- PIPēPrPē PIP·P°C''PjPsPrC-PNēB»),
C,PsPjCḡ P¶C-PSPeP°Pj CḡPμPīCḡPsPrCḡPeC,PēPIPSPsPiPs PIC-PeCḡ CḡP»C-Pr
PīCḡPsPePsPSCḡCḡP»CHC,CḡPIP°C,PēCḡCḡ C%PsPrPs P·P°CḡC,PsCḡCḡPIP°PSPSCḡ
C-PSC€PēC... PμC,,PμPeC,PēPIPSPēC... PjPμC,PsPrC-PI PePsPSC,CḡP°C†PμPīC†C-C—. PŸP»C-Pr
PIPēPePsCḡPēCḡC,PsPICḡPIP°C,Pē PīCḡPēPSP°PNēPjPSC- PsPrPēPS PμC,,PμPeC,PēPIPSPēPNē
PjPμC,PsPr PePsPSC,CḡP°C†PμPīC†C-C—

(PSP°PīCḡPēPeP»P°Pr PIPSCḡC,CḡC-C€PSCḡPsPjP°C,PePsPIPēPNē) P°P±Ps PrPIC-
PrPsPrP°C,PePsPIC- C,,PsCḡPjPē PePsPSC,CḡP°C†PμPīC†C-C—, PIPeP»CḡC†P°CḡC†Pē
P±P°CḡBḡ™ C''CḡPSPēPNē PjPμC,PsPr. PμCḡPē PIPēP±PsCḡC- PjPμC,PsPrCḡ
PePsPSC,CḡP°C†PμPīC†C-C— CḡP»C-Pr PsC†C-PSCḡPIP°C,Pē C-PSPrPēPIC-PrCḡP°P»CHPSC-
PsP±CḡC,P°PIPēPSPē, P·P°P»CḡC†P°CḡC†Pē PīP°C†C-C''PSC,PeCḡ PrPs
PsP±PiPsPIPsCḡPμPSPSCḡ.

P''PsPrCḡPIP°PSPSCḡ PīCḡCḡPrPrCḡ. PḡP°CḡP±P°PjP°P·PμPīC-PS PīCḡPsPSPēPeP°C'' Cḡ

PiCḡCfPrPSPµ PjPsP»PsPePs (25вḡ“60 % PePsPSC†PµPSC,CḡP°C†C-C— Cḡ PīP»P°P·PjC-PeCḡPsPIC-). PµPµCḡPµPIP°PiPē PiCḡCfPrPSPsPiPs PiPsPrCḡPIP°PSPSCḡ C,P° C-PjPsPIC-CḡPSC-CḡC,CH CḡPsP·PIPēC,PeCḡ PīPsP±C-C†PSPēC... PµC,,PµPeC,C-PI Cḡ PSPµPjPsPIP»CḡC,Pē CḡP»C-Pr CḡPµC,PµP»CHPSPs P·PIP°PḡPēC,Pē. PḡP°C,PµCḡC-, CḡPeC-PsC,CḡPēPjCḡCḡC,CH PeP°CḡP±P°PjP°P·PµPiC-PS, PjPsPḡCḡC,CH PiPsPrCḡPIP°C,Pē PiCḡCfPrPrCḡ P·P° C,C-C”C— CḡPjPsPIPē, C%Ps PSPµPjPsPIP»Cḡ CḡPiPsCḡC,PµCḡC-PiP°C”C,CHCḡCḡ CḡC,PsCḡPsPIPSPs CḡPsP·PIPēC,PeCḡ PjPsPḡP»PēPIPēC... PīPsP±C-C†PSPēC... CḡPµP°PeC†C-PNē (PSP°PīCḡPēPeP»P°Pr PSP°PrPjC-CḡPSPsC— CḡPsPSP»PēPIPsCḡC,C-, P°P»PµCḡPiC-C†PSPēC... CēPeC-CḡPSPēC... CḡPµP°PeC†C-PNē).

PḡPµCḡC,PēP»CHPSC-CḡC,CH.

P”CḡPḡPµ CḡC-PrPePs PīPsPIC-PrPsPjP»CḡP»PsCḡCḡ PīCḡPs PIPēPīP°PrPePē PīPsCḡCḡCēPµPSPSCḡ C,,PµCḡC,PēP»CHPSPsCḡC,C- Cḡ C†PsP»PsPIC-PeC-PI C,P°/P°P±Ps PīCḡPs PIC-PrC...PēP»PµPSPSCḡ PIC-Pr PSPsCḡPjPē PīPsPeP°P·PSPēPeC-PI CḡPiPµCḡPjP°C,PsPiPµPSPµP·Cḡ.

P—PrP°C,PSC-CḡC,CH PIPiP»PēPIP°C,Pē PSP° CēPIPēPrPeC-CḡC,CH CḡPµP°PeC†C-C— PīCḡPē PePµCḡCḡPIP°PSPSC- P°PIC,PsC,CḡP°PSCḡPīPsCḡC,PsPj P°P±PsB C-PSCēPēPjPē PjPµC...P°PSC-P·PjP°PjPē.

P—PrP°C,PSC-CḡC,CH PīP°C†C-C”PSC,P°, CḡPePēPNē PīCḡPēPNēPjP°C” PeP°CḡP±P°PjP°P·PµPiC-PS, PrPs CēPIPēPrPePsC— CḡPµP°PeC†C-C— (PsCḡPsP±P»PēPIPs PSP° PīPsC†P°C,PeCḡ C,PµCḡP°PiC-C— P°P±Ps Cḡ PīPµCḡC-PsPr PīC-PrP±PsCḡCḡ PrPsP·Pē) PjPsPḡPµ P±CḡC,Pē PīPsCḡCḡCēPµPSP° PIPSP°CḡP»C-PrPsPe PIPēPSPēPePSPµPSPSCḡ P·P°PīP°PjPsCḡPsC†PµPSPSCḡ C- CḡPsPSP»PēPIPsCḡC,C-, C,PsPjCḡ PīCḡPē PePµCḡCḡPIP°PSPSC- P°PIC,PsPjPsP±C-P»PµPj P°P±Ps CḡPsP±PsC,C- P· C-PSCēPēPjPē PjPµC...P°PSC-P·PjP°PjPē PīP°C†C-C”PSC,Cḡ CḡP»C-Pr P±CḡC,Pē PsP±PµCḡPµPḡPSPēPj.

PŸPīPsCḡC-P± P·P°CḡC,PsCḡCḡPIP°PSPSCḡ C,P° PrPsP·Pē.

PḡP°CḡP±P°PjP°P·PµPiC-PS PīCḡPēP·PSP°C†P°C,Pē PīPµCḡPsCḡP°P»CHPSPs; P·P°P·PIPēC†P°PNē PrPsP±PsPICḡ PrPsP·Cḡ PīCḡPµPīP°CḡP°C,Cḡ CḡP»C-Pr CḡPsP·PīPsPrC-P»CḡC,Pē PSP° PrPIP° P°P±Ps C,CḡPē PīCḡPēPNēPsPjPē. PµCḡPµPīP°CḡP°C, PjPsPḡPSP° PīCḡPēPNēPjP°C,Pē PīC-Pr C†P°Cḡ, PīC-CḡP»Cḡ C—PrPē P°P±Ps Cḡ PīCḡPsPjC-PḡPeP°C... PjC-Pḡ PīCḡPēPNēPsPjP°PjPē C—PḡC- CḡP°P·PsPj P· PSPµPIPµP»PēPePsCḡ PeC-P»CHPeC-CḡC,Cḡ CḡC-PrPēPSPē, PSP°PīCḡPēPeP»P°Pr P·C-CḡPeP»CḡPSPePsCḡ PIPsPrPē.

PµPµCḡPµPr PīPsC†P°C,PePsPj P»C-PeCḡPIP°PSPSCḡ PīP°C†C-C”PSC,Pē, CḡPeC-PīPsC,PµPSC†C-PNēPSPs C” PSPsCḡC-CḡPjPē P°P»PµP»Cḡ HLA-Pḡ*3101 P·P° PīPsC...PsPrPḡPµPSPSCḡPj, PīPs PjPsPḡP»PēPIPsCḡC,C- PīPsPIPēPSPSC- PīCḡPsPNēC,Pē PsP±CḡC,PµPḡPµPSPSCḡ PSP° PSP°CḡPIPSC-CḡC,CH P°P»PµP»Cḡ, PsCḡPeC-P»CHPePē Cḡ C†CHPsPjCḡ PIPēPīP°PrPeCḡ PjPsPḡPµ P±CḡC,Pē CḡPīCḡPsPIPsPePsPIP°PSPs CḡPsP·PIPēC,PsPe C,CḡPḡPePēC... PīPsP±C-C†PSPēC... CḡPµP°PeC†C-PNē, C,P°PePēC... CḡPe CēPeC-CḡPSC- CḡPµP°PeC†C-C—.

$$\text{P}\ddot{\text{I}}\text{P}\text{eC}\%_{\text{oo}}\text{P}\text{s} \quad \text{P}\ddot{\text{I}}\text{P}\text{sP}\ddot{\text{I}}\text{P}\gg\text{P}\ddot{\text{e}}\text{P}\text{I}\text{P}\text{s}, \quad \text{P}_{\text{b}}\text{P}^{\circ}\text{C}\ddot{\text{H}}\text{P}\pm\text{P}^{\circ}\text{P}\ddot{\text{I}}\text{P}^{\circ}\text{P}\cdot\text{P}_{\text{u}}\text{P}\ddot{\text{I}}\text{C}-\text{P}\text{S} \quad \text{C}\ddot{\text{I}}\text{P}\gg\text{C}-\text{P}\ddot{\text{r}} \quad \text{P}\ddot{\text{I}}\text{C}\ddot{\text{H}}\text{P}\ddot{\text{e}}\text{P}\cdot\text{P}\text{S}\text{P}^{\circ}\text{C}\pm\text{P}^{\circ}\text{C}, \text{P}\ddot{\text{e}} \quad \text{C}\ddot{\text{I}}\text{P}\text{e}$$

PjPsPSPsC, PμCḡP°PīC-CH, P°P»Pμ Cḡ CḡP°P·C- P·P°CḡC, PsCḡCḡPIP°PSPSCḡ P·C-PSC€PēPjPē
P»C-PeP°CḡCḡCHPePēPjPē P·P°CḡPsP±P°PjPē CḡPμPePsPjPμPSPPrCḡC, CHCḡCḡ CḡPμPḡPēPj
C, P°PePsPiPs Pḡ CḡP°PjPsPiPs PīPsCḡC, CḡPiPsPiPsPiPs PīC-PrPIPēC%PμPSPSCḡ PrPsP·Pē
PīCḡPμPīP°CḡP°C, Cḡ.

PμCḡPē PīCḡPēP·PSP°C±PμPSPSC- PīCḡPμPīP°CḡP°C, Cḡ PḡP°CḡP±P°PjP°P·PμPīC-PS
PrPsPrP°C, PePsPiPs PrPs PīPsC, PsC±PSPsC— PīCḡPsC, PēPμPīC-P»PμPīC, PēC±PSPsC—
C, PμCḡP°PīC-C— PrPsP·Cḡ PīCḡPμPīP°CḡP°C, Cḡ CḡP»C-Pr PīPsCḡC, CḡPiPsPiPs
PīC-PrPIPēC%CḡPIP°C, Pē, PSPμ P·PjC-PSCHCHC±Pē PrPsP·Pē
PīPsC, PsC±PSPsPiPs(PēC...) P·P°CḡC, PsCḡPsPICḡPIP°PSPsPiPs(PēC...)
PīCḡPsC, PēPμPīC-P»PμPīC, PēC±PSPsPiPs(PēC...) PīCḡPμPīP°CḡP°C, Cḡ(C-PI), Cḡ CḡP°P·C-
PSPμPsP±C...C-PrPSPsCḡC, C- бḡ“ PePsCḡPēPiCḡPIP°C, Pē PrPsP·Cḡ
PeP°CḡP±P°PjP°P·PμPīC-PSCḡ.

*P°PsCḡC, CḡC- PjP°PSC-P°PeP°P»CHPSC- CḡC, P°PSPē C, P° PīC-PrC, CḡPēPjCḡCHC±P°
C, PμCḡP°PīC-Cḡ PīCḡPē P±C-PiPsP»CḡCḡPSPēC... P°C, PμPeC, PēPIPSPēC... CḡPsP·P»P°PrP°C...*

P°C-P°PīP°P·PsPS PrPsP· бḡ“ PīCḡPēP±P»PēP·PSPs PIC-Pr 400 PrPs 1600 PjPi PSP° PrPsP±Cḡ;
P·P°P·PIPēC±P°PNḡ бḡ“ PIC-Pr 400 PrPs 600 PjPi PSP° PrPsP±Cḡ, CḡPsP·PrC-P»PμPSPēC... PSP°
2бḡ“3 PīCḡPēPNḡPsPjPē. PμCḡPē PiPsCḡC, CḡPsPjCḡ PjP°PSC-P°PeP°P»CHPSPsPjCḡ
CḡC, P°PSC- CḡPμPePsPjPμPSPPrCḡC, CHCḡCḡ PrPsCḡC, P°C, PSCHPs C€PIPēPrPePμ
PīC-PrPIPēC%PμPSPSCḡ PrPsP·Pē, C, PsPrC- CḡPe P· PjPμC, PsCH
P·P°P±PμP·PīPμC±PμPSPSCḡ PsPīC, PēPjP°P»CHPSPsC— C, PsP»PμCḡP°PSC, PSPsCḡC, C-
Cḡ CḡP°PjPeP°C... PīC-PrC, CḡPēPjCḡCHC±PsC— C, PμCḡP°PīC-C— PīCḡPē
P±C-PiPsP»CḡCḡPSPēC... CḡPsP·P»P°PrP°C... CḡPμPePsPjPμPSPPrPsPiP°PSPμ
PīPsCḡC, CḡPiPsPiPμ PīC-PrPIPēC%PμPSPSCḡ PjP°P»PēPjPē PrPsP·P°PjPē.

PḡPēPSPPrCḡPsPj P°P»PePsPiPsP»CHPSPsC— P°P±CḡC, PēPSPμPSCḡC-C—

PḡPμCḡPμPrPSCḡ PrPsP·P° бḡ“ PīPs 200 PjPi 3 CḡP°P·Pē PSP° PrPsP±Cḡ. Pj C, CḡPḡPePēC...
PIPēPīP°PrPeP°C... PīCḡPsC, CḡPiPsPj PīPμCḡC€PēC... PeC-P»CHPePsC... PrPSC-PI PrPsP·Cḡ
PjPsPḡPSP° PīC-PrPIPēC%PēC, Pē (PSP°PīCḡPēPeP»P°Pr PrPs PrPsP·Pē PīPs 400 PjPi 3 CḡP°P·Pē
PSP° PrPsP±Cḡ). PμCḡPē C, CḡPḡPePēC... PīCḡPsCḡPIP°C... P°P»PePsPiPsP»CHPSPsC—
P°P±CḡC, PēPSPμPSCḡC-C— P»C-PeCḡPIP°PSPSCḡ CḡPsP·PīPsC±PēPSP°C, Pē
PePsPjP±C-PSP°CḡC-Cḡ PīCḡPμPīP°CḡP°C, Cḡ PḡP°CḡP±P°PjP°P·PμPīC-PS C-P·
CḡPμPrP°C, PēPIPSPs-CḡPSPsPrC-PNḡPSPēPjPē PīCḡPμPīP°CḡP°C, P°PjPē (PSP°PīCḡPēPeP»P°Pr
C-P· PeP»PsPjPμC, C-P°P·PsP»PsPj, C...P»PsCḡPrC-P°P·PμPīPsPeCḡPēPrPsPj),
PrPsC, CḡPēPjCḡCHC±PēCḡCH PIPēC%PμPSP°PIPμPrPμPSPēC... PIPeP°P·C-PIPsPe C%PsPrPs
PrPsP·CḡPIP°PSPSCḡ. PμC- CḡP»Cḡ P·P°PIPμCḡC€PμPSPSCḡ PiPsCḡC, CḡPsC— C, P°P·Pē
P»C-PeCḡPIP°PSPSCḡ PīCḡPμPīP°CḡP°C, PsPj PḡP°CḡP±P°PjP°P·PμPīC-PS PjPsPḡPSP°
PīCḡPsPrPsPiPḡCḡPIP°C, Pē CḡPe PjPsPSPsC, PμCḡP°PīC-CH.

*PḡPrC-PsPīP°C, PēC±PSP° PSPμPICḡP°P»PīC-Cḡ C, CḡC-PNḡC±P°CḡC, PsPiPs PSPμCḡPIP° C-
PSPμPICḡP°P»PīC-Cḡ C, CḡC-PNḡC±P°CḡC, PsPiPs PSPμCḡPIP° PīCḡPē CḡPsP·CḡC-CḡPSPsPjCḡ
CḡPeP»PμCḡPsP·C- (C, PēPiPsPiP° C, P° P°C, PēPiPsPiP°). PḡPrC-PsPīP°C, PēC±PSP°
PSPμPICḡP°P»PīC-Cḡ CḡP·PēPePsPiP»PsC, PePsPiPsPiPs PSPμCḡPIP°*

PμPsC±P°C, PePsPiP° PrPsP·P° PīCḡPμPīP°CḡP°C, Cḡ PḡP°CḡP±P°PjP°P·PμPīC-PS
CḡC, P°PSPsPiPēC, CH 200бḡ“400 PjPi PSP° PrPsP±Cḡ (100 PjPi 2 CḡP°P·Pē PSP° PrPsP±Cḡ
PrP»Cḡ PīP°CḡC-CḡPSC, C-PI P»C-C, PSCHPsPiPs PIC-PeCḡ). PḡC— CḡP»C-Pr PīPsPIC-P»CHPSPs
PīC-PrPIPēC%CḡPIP°C, Pē PrPs P·PSPēPePSPμPSPSCḡ P±PsP»CHPsPiPēC... PIC-PrC±CḡC, C, C-PI

(P·P°P·PIPëC±P°PNë PrPs PrPsP·Pë PîPs 200 PjPi 3б҃҃“4 C҃҃҃P°P·Pë PSP° PrPsP±Cf). P°P»C҃҃҃ P±C-P»CHC€PsC҃҃҃C,C- PîP°C҃҃҃C-C”PSC,C-PI PrPsP·P° PîC҃҃҃PµPîP°C҃҃҃P°C,Cf 200 PjPi 3 P°P±Ps 4 C҃҃҃P°P·Pë PSP° PrPsP±Cf C” PrPsC҃҃҃C,P°C,PSCHbPsC҃҃҃ PrP»C҃҃҃҃ PîC-PrC,C҃҃҃PëPjPePë P±PµP·P±PsP»C-C҃҃҃PSPsPîPs C҃҃҃C,P°PSCf. Pj PrPµC҃҃҃PePëC... PIPëPîP°PrPeP°C... PjPsP҃҃Pµ P±CfC,Pë PSPµPsP±C...C-PrPSPsC҃҃҃ PrPsP±PsPIP° PrPsP·P° PîC҃҃҃PµPîP°C҃҃҃P°C,Cf P҃҃P°C҃҃҃P±P°PjP°P·PµPîC-PS 1600 PjPi. PµC-C҃҃҃P»C҃҃҃ P·PSPëPePSPµPSPSC҃҃҃ P±PsP»CHbPsPIPëC... PIC-PrC҃҃҃CfC,C,C-PI PrPsP·Cf PîPsC҃҃҃C,CfPîPsPIPs P·PSPëP҃҃CfPIP°C,Pë PrPs PjC-PSC-PjP°P»CHbPSPsC— PîC-PrC,C҃҃҃PëPjCfC҃҃҃C±PsC—.

P°C-C,Pë.

P°C-C,C҃҃҃Pj, P· PsPîP»C҃҃҃PrCf PSP° P±C-P»CHC€ C€PIPëPrPeCf PµP»C-PjC-PSP°C҃҃҃C-҃҃҃ PeP°C҃҃҃P±P°PjP°P·PµPîC-PSCf, PjPsP҃҃Pµ P±CfC,Pë PSPµPsP±C...C-PrPSPëPj P·P°C҃҃҃C,PsC҃҃҃CfPIP°PSPSC҃҃҃ PIPëC%PëC... PrPsP· PîC҃҃҃PµPîP°C҃҃҃P°C,Cf (P· C҃҃҃PsP·C҃҃҃P°C...CfPSPëCf PSP° PeC-P»PsPîC҃҃҃P°Pj PjP°C҃҃҃Pë C,C-P»P°) PîPsC҃҃҃C-PIPSC҃҃҃PSPs P· PrPsC҃҃҃PsC҃҃҃P»PëPjPë. PŷP°P±P»PµC,PePë P҃҃P°C҃҃҃P±P°PjP°P·PµPîC-PS PjPsP҃҃PSP° PîC҃҃҃PëPNëPjP°C,Pë PrC-C,C҃҃҃PjB PIC-PePsPj PIC-Pr 5 C҃҃҃PsPeC-PI.

PµPµC҃҃҃PµPrPsP·C±PIP°PSPSC҃҃҃.

PŷPëPjPiC,PsPjPë. PŷPëPjPiC,PsPjPë C- C҃҃҃PeP°C҃҃҃PiPë, C%Ps PIPëPSPëPeP°C҃҃҃C,CH PîC҃҃҃Pë PîPµC҃҃҃PµPrPsP·CfPIP°PSPSC-, P·P°P·PIPëC±P°PNë PIC-PrPsP±C҃҃҃P°P҃҃҃C҃҃҃C,CH C҃҃҃C҃҃҃P°P҃҃҃PµPSPSC҃҃҃ C҃҃҃PµPSC,C҃҃҃P°P»CHbPSPsC— PSPµC҃҃҃PIPsPIPsC—, C҃҃҃PµC҃҃҃C҃҃҃PµPIPs- C҃҃҃CfPrPëPSPSPsC— C- PrPëC...P°P»CHbPSPsC— C҃҃҃PëC҃҃҃C,PµPj.

PîPµPSC,C҃҃҃P°P»CHbPSP° PSPµC҃҃҃PIPsPIP° C҃҃҃PëC҃҃҃C,PµPjP° (PîPќPŷ): PîC҃҃҃PëPiPSC-C҃҃҃PµPSPSC҃҃҃ C„CfPSPëC҃҃҃C-PNë PîPќPŷ; PrPµP·PsC҃҃҃C-C”PSC,P°C҃҃҃C-C҃҃҃, PîC҃҃҃PëPiPSC-C҃҃҃PµPSPSC҃҃҃ C҃҃҃PIC-PrPsPjPsC҃҃҃C,C-, C҃҃҃PsPSP»PëPIC-C҃҃҃C,CH, P·P±CfPrP҃҃PµPSPSC҃҃҃, PîP°P»C҃҃҃C҃҃҃PëPSP°C҃҃҃C-C—, PePsPjP°, P·P°C,CfPjP°PSPµPSPSC҃҃҃ P·PsC҃҃҃Cf, PSPµC҃҃҃PsP·P±C-C҃҃҃P»PëPIP° PjPsPIP°, PrPëP·P°C҃҃҃C,C҃҃҃C-C҃҃҃, PSC-C҃҃҃C,P°PiPj, P°C,P°PeC҃҃҃C-C҃҃҃, PrPëC҃҃҃PeC-PSPµP·C-C҃҃҃, PiC-PîPµC҃҃҃C҃҃҃PµC„P»PµPeC҃҃҃C-C҃҃҃ (C҃҃҃PîPsC±P°C,PeCf), PiC-PîPsC҃҃҃PµC„P»PµPeC҃҃҃C-C҃҃҃ (PîC-P·PSC-C€Pµ); C҃҃҃CfPrPsPjPë, PîC҃҃҃PëC...PsPjPsC,PsC҃҃҃PSC- C҃҃҃PsP·P»P°PrPë, PjC-PsPeP»PsPSCfC҃҃҃, PiC-PîPsC,PµC҃҃҃PjC-C҃҃҃, PjC-PrC҃҃҃C-P°P·.

P°PëC...P°P»CHbPSP° C҃҃҃PëC҃҃҃C,PµPjP°: PîC҃҃҃PëPiPSC-C҃҃҃PµPSPSC҃҃҃ PrPëC...P°PSPSC҃҃҃, PSP°P±C҃҃҃C҃҃҃Pe P»PµPiPµPSC-PI.

PŷPµC҃҃҃C҃҃҃PµPIPs-C҃҃҃C±PrPëPSPSP° C҃҃҃PëC҃҃҃C,PµPjP°: C,P°C...C-PeP°C҃҃҃PrC-C҃҃҃, P°C҃҃҃C,PµC҃҃҃C-P°P»CHbPSP° PiC-PîPsC,PµPSP·C-C҃҃҃, P°C҃҃҃C,PµC҃҃҃C-P°P»CHbPSP° PiC-PîPµC҃҃҃C,PµPSP·C-C҃҃҃, PîPsC҃҃҃CfC€PµPSPSC҃҃҃ PîC҃҃҃PsPIC-PrPSPsC҃҃҃C,C- P· C҃҃҃PsP·C€PëC҃҃҃PµPSPSC҃҃҃Pj PePsPjPîP»PµPeC҃҃҃Cf QRS; C҃҃҃PëPSPëPsPîPµ, P·PIb҃҃™ C҃҃҃P·P°PSPµ C-P· P·CfPîPëPSPëPsC҃҃҃ C҃҃҃PµC҃҃҃C҃҃҃C, C%Ps C҃҃҃CfPîC҃҃҃PsPIPsPrP҃҃CfC”C,CHC҃҃҃C҃҃҃ PIC,C҃҃҃P°C,PsC҃҃҃ C҃҃҃PIC-PrPsPjPsC҃҃҃C,C-.

PëP»C±PSPëPsPIPs-PePëC€PePsPIPëPNë C,C҃҃҃P°PeC,: P±P»C҃҃҃PIP°PSPSC҃҃҃, P·P°C,C҃҃҃PëPjPeP° C—P҃҃҃C- Cf C€P»CfPSPëCf, P·PSPëP҃҃PµPSPSC҃҃҃ PjPsC,PsC҃҃҃PëPePë C,PsPIC҃҃҃C,PsC— PePëC€PePë.

PŷPePµP»PµC,PSPs-Pjб҃҃™ C҃҃҃P·PsPIP° C,P° C҃҃҃PîPsP»C±PSP° C,PeP°PSPëPSP°:

PiPsPIC-PrPsPjP»CjP»PsCfCj PiCjPs PsPeCjPjPjC- PIPePiP°PrPePë
CjP°P±PrPsPjC-PsP»C-P.Cr, PiPsPiBj™ CjP·P°PSPsPiPs P·C,PsPeCfPëC±PSPëPj PIPiP»PëPIPsPj
PeP°CjP±P°PjP°P·PjPiC-PSCr.

PkPëCjPePë C,P° CfPjC±PsPIPëPIC-PrPSP° CfPëCfC,PjPjP°: P·P°C,CjPëPjPeP° CfPjC±C-,
PsP»C-PiCfCjC-Cj P°P±Ps P°PSCrCjC-Cj; P·P°C,CjPëPjPeP° CjC-PrPëPSPë;
PiC-PiPjCjPiC-PrCjP°C,P°C±C-Cj, P·CfPjPsPIP»PjPSP° PjC,,PjPeC,PsPj
PeP°CjP±P°PjP°P·PjPiC-PSCr, PiPsPrC-P±PSPëPj P·P° PrC-C"Ch PrPsB
P°PSC,PëPrC-CfCjPjC,PëC±PSPsPiPs PiPsCjPjPsPSCr.

P—PjC-PSPë P· P±PsPeCz P»P°P±PsCjP°C,PsCjPSPëC... PiPsPeP°P·PSPëPeC-PI:
PiC-PiPsPSP°C,CjC-C"jC-Cj, PjPsPjP»PëPIPëPNë PjPjC,P°P±PsP»C-C±PSPëPNë P°C±PëPrPsP·,
PiC-PiPjCjPiP»C-PePjPjC-Cj, PiC-PrPIPëC%oPjPSPSCj PjBj™ CjP·PsPIPsC—
C,,CjP°PeC±C-C— PeCjPjP°C,PëPSC-PSC,,PsCfC,,PsPeC-PSP°P·Pë.

P>C-PeCzPIP°PSPSCj. PjPiPjC±PëC,,C-C±PSPëPNë P°PSC,PëPrPsC, PIC-PrCfCfC,PSC-PNë.
PjPiPsC±P°C,PeCf P>C-PeCfPIP°PSPSCj PiPsPIPëPSPSPs T'CjCfPSC,CfPIP°C,PëCfCj PSP°
PeP»C-PSC-C±PSPsPjCf CfC,P°PSC- C...PIPsCjPsPiPs; PiPsPeP°P·P°PSP°
PiPsCfPiC-C,P°P»C-P·P°C±C-Cj. PjCjPsPIPsPrPëC,ChCfCj PIPëP·PSP°C±PjPSPSCj
PePsPSC±PjPSC,CjP°C±C-C— PeP°CjP±P°PjP°P·PjPiC-PSCr Cf PiP»P°P·PjC- PeCjPsPIC-
PrP»Cj PiC-PrC,PIPjCjPrPjPjPSPSCj PsC,CjCfC" PSPSCj C±PëPj P·P°CfPsP±PsPj C,P°
PsC±C-PSPë CfC,CfPiPjPSCj PiPjCjPjPrPsP·CfPIP°PSPSCj.

P—PrC-PNëCfPSC"ChCfCj PjPIP°PeCfP°C±C-Cj PIPjC-CfC,Cf CëP»CfPSPeP°,
PiCjPsPjPëPIP°PSPSCj CëP»CfPSPeP°, P·P°CfC,PsCfCfPIP°PSPSCj P°PeC,PëPIPsPIP°PSPsPiPs
PiCfPiC-P»P»Cj. PjC-P·PSCj PjPIP°PeCfP°C±C-Cj CëP»CfPSPePsPIPsPiPs PIPjC-CfC,Cf
PjPsPjPj PiCjPëP·PIPjCfC,Pë PrPs PIC-PrCfC,CjPsC±PjPSPsPiPs PICfPjPsPeC,CfPIP°PSPSCj
C- PiPsPIC,PsCjPSPsC— PiPsCjPIPë CfPëPjPiC,PsPjC-PI C-PSC,PsPeCfPëPeP°C±C-C— Cf
PiPjCjC-PsPr PsPrCfPjP°PSPSCj. P—P°CfC,PsCfPsPICfC"ChCfCj
CfPëPjPiC,PsPjP°C,PëC±PSPj PiC-PrC,CjPëPjCfCfC±Pj P»C-PeCfPIP°PSPSCj Cf
PIC-PrPrC-P»PjPSPSC- C-PSC,PjPSCfPëPIPsPsC— C,PjCjP°PiC-C—, PjPsPSC-C,PsCjPëPSPi
C,,CfPSPeC±C-PNë CfPjCjC±Cj, PiPëP»ChPSP° PePsCjPjPeC±C-Cj
PjP»PjPeC,CjPsP»C-C,PSPëC... CjPsP·P»P°PrC-PI.B

PkCfPsP±P»PëPIC- CjPjPePsPjPjPSPPrP°C±C-C—. PjCjPë CjPsP·PIPëC,PeCf
P°CjC,PjCjC-P°P»ChPSPsC— PiC-PiPsC,PjPSP·C-C— PiPsPeP°P·P°PSPj
PIPSCfC,CjC-CëPSCjPsPIPjPSPSPj PIPjPjPrPjPSPSCj PrPsPiP°PjC-PSCr P°P±Ps
PrPsP±CfC,P°PjC-PSCr; PiCjPë CjPsP·PIPëC,PeCf PiPsCjCfCëPjPSCj CjPëC,PjCf
CfPjCjC±Cj P»C-PeCfPIP°PSPSCj CfP»C-Pr PiC-PrP±PëCjP°C,Pë
C-PSPPrPëPIC-PrCfP°P»ChPSPs; PiCjPë CjPsP·PIPëC,PeCf CfCfPrPsPj Bj" PIPjPjPrPjPSPSCj
P±PjPSP·PsPrC-P°P·PjPiC-PSC-PI (PSP°PiCjPëPeP»P°Pr PrC-P°P·PjPiP°PjCf) P°P±Ps
C-PSCëPëC... PiCjPsC,PëCfCfPrPsPjPSPëC... P·P°CfPsP±C-PI, PSP°PiCjPëPeP»P°Pr
C,,PjPSPsP±P°CjP±C-C,P°P»Cf (P· PsP±PjCjPjPjPSC-CfC,Ch C±PjCjPjP·
PiC-PrPIPëC%oPjPSPëPNë CjPëP·PëPe CjPsP·PIPëC,PeCf PiCjPëPiPSC-C±PjPSPSCj
PrPëC...P°PSPSCj) P°P±Ps PiP°CjP°P»ChPrPjPiC-PrCf; PiCjPë CjPsP·PIPëC,PeCf
PiC-PiPsPSP°C,CjC-C"jC-C— (PIPsPrPSPsC— C-PSC,PsPeCfPëPeP°C±C-C—) Bj"
PsP±PjPjPjPjPSPSCj PIPjPjPrPjPSPSCj CjC-PrPëPSPë, PiPsPIC-P»ChPSP°
PsP±PjCjPjPjPSP° PIPSCfC,CjC-CëPSCjPsPIPjPSPSP° C-PSC,,CfP·C-Cj 0,9 %
CjPsP·C±PëPSCr PSP°C,CjC-Ch C...P»PsCjPëPrCf. PjC- P·P°C...PsPrPë PjPsPjCfC,Ch P±CfC,Pë
PePsCjPëCfPSPëPjPë PrP»Cj P·P°PiPsP±C-PiP°PSPSCj PSP°P±CjCjPeCf PjPsP·PeCf.

P PjPePsPjPjPSPPrCfC"ChCfCj PiCjPsPIPjPjPjPSPSCj PiPjPjPsCfPsCjP±C±C-C— PSP°

PICíPiC-P»CHBSPSPëC... CÍPScTjP±PµPSC,P°C.... PµPsPIC-PrPsPjP»CÍP»PsCÍCÍ PíCjPs
PSPµPµC,,PµPeC,PëPIPSC-CÍC,CH C,,PsCjCÍPSPiP°PSPSPiPs PrC-CrCjPµP·Cr C-
PíPµCjPëC,PsPSPµP°P»CHBSPSPiPs PrC-P°P»C-P·Cr.

PkPµPsP±C...C-PrPSPs PíPµCjPµPrP±P°C±PëC,Pë PjPsP¶P»PëPIC-CÍC,CH PíPsPIC,PsCjPSPSPiPs
PíPsCÍPëP»PµPSPSCÍ CÍPëPjPiC,PsPjC-PI PíPµCjPµPrPsP·CrPIP°PSPSCÍ PSP° 2-PM C- 3-PM
PrPµPSCH PíC-CÍP»CÍ PMsPiPs PíPsC±P°C,PeCr, C%Ps P·CrPjPsPIP»PµPSPs
CrPíPsPIC-P»CHBSPµPSPëPj PICÍPjPsPeC,CrPIP°PSPSCÍPj PíCjPµPíP°CjP°C,Cr.

PµPsP±C-C±PSC- CjPµP°PeC±C-C—.

PkP° PíPsC±P°C,PeCr P»C-PeCrPIP°PSPSCÍ PíCjPµPíP°CjP°C,PsPj PµP°CjP±P°PjP°P·PµPíC-PS
P°P±Ps PíCjPë P·P°CÍC,PsCÍCrPIP°PSPSC- PSP°PrC,Ps PIPµP»PëPePsC— PíPsC±P°C,PePsPIPsC—
PrPsP·Pë PíCjPµPíP°CjP°C,Cr, P°P±Ps PíCjPë P»C-PeCrPIP°PSPSC- PíP°C±C-C”PSC,C-PI
P»C-C,PSCHBPsPiPs PIC-PeCr PIPëPSPëPeP°CHC,CH PíPµPIPSC- C,PëPíPë PSPµP±P°P¶P°PSPëC...
CjPµP°PeC±C-PM, PSP°PíCjPëPeP»P°Pr P· P±PsPeCr PíPkPŸ (P·P°PíP°PjPsCjPsC±PµPSPSCÍ,
PiPsP»PsPIPSPëPM P±C-P»CH, P°C,P°PeCÍC-CÍ, CÍPSPSP»PëPIC-CÍC,CH, P·P°PíP°P»CHBSP°
CÍP»P°P±PeC-CÍC,CH, PrPëPíP»PsPiC-CÍ), P· P±PsPeCr CëP»CrPSPePsPIPs-
PePëCëPePsPIPsPiPs C,CjP°PeC,Cr (PSCrPrPsC,P°, P±P»CHPIP°PSPSCÍ) P°P±Ps
P°P»PµCjPiC-C±PSC- CëPeC-CjPSC- CjPµP°PeC±C-C—.

P”PsP·PsP·P°P»PµP¶PSC- PSPµP±P°P¶P°PSC- CjPµP°PeC±C-C— P·P°P·PIPëC±P°PM
PjPëPSP°CHC,CH PíCjPsC,CÍPiPsPj PeC-P»CHBPePsC... PrPSC-PI CÍPe CÍPíPsPSC,P°PSPSPs,
C,P°Pe C- PíC-CÍP»CÍ C,PëPjC±P°CÍPSPiPsPiPs P·PSPëP¶PµPSPSCÍ PrPsP·Pë
PíCjPµPíP°CjP°C,Cr. P PsP·PIPëC,PsPe PSPµP±P°P¶P°PSPëC... CjPµP°PeC±C-PM P· P±PsPeCr
PíPkPŸ PjPsP¶Pµ P±CÍC,Pë PSP°CÍP»C-PrPePsPj PIC-PrPSPsCÍPSPSPiPs
PíPµCjPµPrPsP·CrPIP°PSPSCÍ PíCjPµPíP°CjP°C,Cr P°P±Ps P·PSP°C±PSPëC...
PePsP»PëPIP°PSCH PePsPSC±PµPSC,CjP°C±C-PM P°PeC,PëPIPSPsC— CjPµC±PsPIPëPSPë Cr
PíP»P°P·PjC- PeCjPsPIC-. Pj C,P°PePëC... PIPëPíP°PrPeP°C... CjPµPePsPjPµPSPPrCíC”C,CHCÍCÍ
PíCjPsPIPsPrPëC,Pë PjPsPSC-C,PsCjPëPSPi CjC-PIPSCÍ P°PeC,PëPIPSPsC—
CjPµC±PsPIPëPSPë Cr PíP»P°P·PjC- PeCjPsPIC- C,P° CjPsP·PíPsPrC-P»PëC,Pë PrPsP±PsPICr
PrPsP·Cr PíCjPµPíP°CjP°C,Cr PSP° P±C-P»CHCë PrCjC-P±PSC- (PSP°PíCjPëPeP»P°Pr PSP°
3Bj”4) PsPeCjPµPjC- PrPsP·Pë. B

P— P±PsPeCí CÍPëCÍC,PµPjPë PeCjPsPIC- C,P° P»C-PjC,,P°C,PëC±PSPsC— CÍPëCÍC,PµPjPë:
P»PµPMsPePsPíPµPSC-CÍ, C,CjPsPjP±PsC±PëC,PsPíPµPSC-CÍ,
PµPsP·PëPSPsC,,C-P»C-CÍ, P»PµPMsPePsC±PëC,PsP·, P»C-PjC,,P°PrPµPSPSPiP°C,C-CÍ,
PrPµC,,C-C±PëC, C,,PsP»C-C”PIPsC— PePëCÍP»PsC,Pë, P°PíCjP°PSCrP»PsC±PëC,PsP·,
P°PíP»P°CÍC,PëC±PSP° P°PSPµPjC-CÍ, PíP°PSC±PëC,PsPíPµPSC-CÍ,
PµCjPëC,CjPsC±PëC,P°CjPSP° P°PíP»P°P·C-CÍ, P°PSPµPjC-CÍ, PjPµPíP°P»PsP±P»P°CÍC,PSP°
P°PSPµPjC-CÍ, PiPsCÍC,CjP° C-PSC,PµCjPjC-C,CrCHC±P° PíPsCjC,,C-CjC-CÍ, P·PjC-CëP°PSP°
PíPsCjC,,C-CjC-CÍ, PíC-P·PSCÍ PíPsCjC,,C-CjC-CÍ CëPeC-CjPë,
CjPµC,PëPeCrP»PsC±PëC,PsP·, PíPµPjPsP»C-C,PëC±PSP° P°PSPµPjC-CÍ,
PSPµPrPsCÍC,P°C,PSC-CÍC,CH PeC-CÍC,PePsPIPsPiPs PjPsP·PeCr.

P— P±PsPeCí C-PjC±PSPSPsC— CÍPëCÍC,PµPjPë: PjCrP»CHC,PëPsCjPiP°PSPSP°
PiC-PíPµCjC±CrC,P»PëPIC-CÍC,CH CrPíPsPIC-P»CHBSPµPSPSPiPs C,PëPíCr P·
PíP°CjCÍC±PePsCH, CëPeC-CjPSPëPjPë PIPëCÍPëPíP°PSPSCÍPjPë, PIP°CÍPeCrP»C-C,PsPj,
P»C-PjC,,P°PrPµPSPSPiP°C,C-C”CH, PsP·PSP°PeP°PjPë, C%Ps PSP°PíP°PrCrCHC,CH
P»C-PjC,,PsPjCr, P°CjC,CjP°P»PiC-CÍPjPë, P»PµPMsPePsPíPµPSC-C”CH,

$P_{\mu}PsP \cdot P\ddot{e}PSPsC_{,,}C-P \gg C-C''C\overline{H}$, $PiP_{\mu}P\ddot{i}P^{\circ}C,PsC\acute{I}P\ddot{i}P \gg P_{\mu}PSPsPjP_{\mu}P\ddot{i}P^{\circ}P \gg C-C''C\overline{H}$ $C-$
 $P \cdot PjC-PSP_{\mu}PSP\ddot{e}PjP\ddot{e}$ $PiPsPeP^{\circ}P \cdot PSP\ddot{e}PeP^{\circ}PjP\ddot{e}$ $C_{,,}C\acute{r}PSPeC\ddagger C-C-$ $P\ddot{i}P_{\mu}C\ddagger C-PSPeP\ddot{e}$ C,P°
 $C\acute{I}P\ddot{e}PSPrC\overline{H}PsPjPsPj$ $P \cdot PSP\ddot{e}PePSP_{\mu}PSPSC\overline{I}$ $P\overline{I}PsPIC\ddagger PSP\ddot{e}C... P\ddot{i}C\overline{H}PsC,PsPe$
 $(PrP_{\mu}C\acute{I}C,C\overline{H}C\acute{r}PeC\ddagger C-C\overline{I}$ C,P° $P \cdot PSP\ddot{e}PePSP_{\mu}PSPSC\overline{I}$
 $PIPSC\acute{r}C,C\overline{H}C-C\ddot{e}PSC\overline{H}PsP\ddot{i}P_{\mu}C\ddagger C-PSPePsPIP\ddot{e}C... P\overline{I}PsPIC\ddagger PSP\ddot{e}C... P\ddot{i}C\overline{H}PsC,PsPe), C\%_{\circ}Ps$
 $P \cdot C\acute{r}C\acute{I}C,C\overline{H}C-C\ddagger P^{\circ}C\overline{H}C,CHC\acute{I}C\overline{I}$ $C\acute{r}$ $C\overline{H}C-P \cdot PSP\ddot{e}C... PePsPjP\pm C-PSP^{\circ}C\ddagger C-C\overline{I}C....$
 $P\overline{H}PsP\overline{I}C\acute{r}C,CH P\pm C\acute{r}C,P\ddot{e}$ $PiPsC\overline{H}C\acute{r}C\ddot{e}P_{\mu}PSPSC\overline{I}$ $P \cdot P\pm PsPeC\acute{r} C-PSC\ddot{e}P\ddot{e}C... PsC\overline{H}PiP^{\circ}PSC-PI$
 $(PSP^{\circ}P\ddot{i}C\overline{H}P\ddot{e}PeP \gg P^{\circ}Pr P\ddot{i}P_{\mu}C\ddagger C-PSPeP\ddot{e}, P \gg P_{\mu}PiP_{\mu}PSC\overline{H}, PSP\ddot{e}C\overline{H}PsPe,$
 $P\ddot{i}C-PrC\ddot{e}P \gg C\acute{r}PSPePsPIPSC-$ $P \cdot P^{\circ}P \gg PsP \cdot P\ddot{e}, PjC-PsPeP^{\circ}C\overline{H}PrP^{\circ}, C,PsPIC\acute{I}C,PsC-$ $PeP\ddot{e}C\ddot{e}PeP\ddot{e});$
 $P^{\circ}C\acute{I}P_{\mu}P\ddot{i}C,P\ddot{e}C\ddagger PSP\ddot{e}P\overline{N}_{\circ}$ $PjP_{\mu}PSC-PSPiC-C, P \cdot PjC-PsPeP \gg PsPSC\acute{r}C\acute{I}PsPj C-$
 $P\ddot{i}P_{\mu}C\overline{H}P\ddot{e}C_{,,}P_{\mu}C\overline{H}P\ddot{e}C\ddagger PSPsC\overline{H}$ $P_{\mu}PsP \cdot P\ddot{e}PSPsC_{,,}C-P \gg C-C''C\overline{H},B$ $P^{\circ}PSP^{\circ}C_{,,}C-P \gg P^{\circ}PeC,P\ddot{e}C\ddagger PSP^{\circ}$
 $C\overline{H}P_{\mu}P^{\circ}PeC\ddagger C-C\overline{I}, P^{\circ}PSPiC-PsPSP_{\mu}PIC\overline{H}PsC,P\ddot{e}C\ddagger PSP\ddot{e}P\overline{N}_{\circ}$ $PSP^{\circ}P\pm C\overline{H}C\overline{I}Pe,$
 $PiC-P\ddot{i}PsPiP^{\circ}PjP^{\circ}PiP \gg PsP\pm C\acute{r}P \gg C-PSP_{\mu}PjC-C\overline{I}, PiC-P\ddot{i}PsPiP^{\circ}PjP^{\circ}PiP \gg PsP\pm C\acute{r}P \gg C-PSP_{\mu}PjC-C\overline{I},$
 $PjP_{\mu}PrP\ddot{e}PeP^{\circ}PjP_{\mu}PSC,PsP \cdot PSP_{\mu}$ $PIP\ddot{e}C\acute{I}P\ddot{e}P\ddot{i}P^{\circ}PSPSC\overline{I}$ $P \cdot P_{\mu}PsP \cdot P\ddot{e}PSPsC_{,,}C-P \gg C-C''C\overline{H}$ C,P°
 $C\acute{I}P\ddot{e}C\acute{I}C,P_{\mu}PjPSP\ddot{e}PjP\ddot{e}$ $C\acute{I}P\ddot{e}PjP\ddot{i}C,PsPjP^{\circ}PjP\ddot{e}$ (DRESS).

$P-$ $P\pm PsPeC\acute{z}$ $P_{\mu}PSPrPsPeC\overline{H}P\ddot{e}PSPSPsC-$ $C\acute{I}P\ddot{e}C\acute{I}C,P_{\mu}PjP\ddot{e}$: $PSP^{\circ}P\pm C\overline{H}C\overline{I}PeP\ddot{e},$
 $P \cdot P^{\circ}C,C\overline{H}P\ddot{e}PjPeP^{\circ}$ $C\overline{H}C-PrP\ddot{e}PSP\ddot{e}, P \cdot P\pm C-P \gg CHC\ddot{e}P_{\mu}PSPSC\overline{I}$ $PjP^{\circ}C\acute{I}P\ddot{e}$ $C,C-P \gg P^{\circ},$
 $PiC-P\ddot{i}PsPSP^{\circ}C,C\overline{H}C-C''PjC-C\overline{I}$ $C-$ $P \cdot PSP\ddot{e}P\overline{I}P_{\mu}PSPSC\overline{I}$ $PsC\acute{I}PjPsP \gg C\overline{I}C\overline{H}PSPsC\acute{I}C,C-$ $PiP \gg P^{\circ}P \cdot PjP\ddot{e}$
 $PIPSP^{\circ}C\acute{I}P \gg C-PrPsPe$ $P_{\mu}C_{,,}P_{\mu}PeC,C\acute{r}, P\ddot{i}PsPrC-P\pm PSPsPiPs$ $PrPs$ $PrC-C-$
 $P^{\circ}PSC,P\ddot{e}PrC-C\acute{r}C\overline{H}P_{\mu}C,P\ddot{e}C\ddagger PSPsPiPs$ $PiPsC\overline{H}PjPsPSC\acute{r}, C\%_{\circ}Ps$ $C\acute{r}$ $P\ddot{i}PsPsPrP\ddot{e}PSPsPeP\ddot{e}C...$
 $PIP\ddot{e}P\ddot{i}P^{\circ}PrPeP^{\circ}C... P\ddot{i}C\overline{H}P\ddot{e}P \cdot PIPsPrP\ddot{e}C,CH PrPs$ $PiC-P\ddot{i}P_{\mu}C\overline{H}PiC-PrC\overline{H}P^{\circ}C,P^{\circ}C\ddagger C-C-, C\overline{I}PeP^{\circ}$
 $C\acute{I}C\acute{r}P\ddot{i}C\overline{H}PsPIPPrP\overline{I}C\acute{r}C''C,CHC\acute{I}C\overline{I}$ $P \gg P_{\mu}C,P^{\circ}C\overline{H}PiC-C''C\overline{H}, P\pm P \gg C\overline{H}PiP^{\circ}PSPSC\overline{I}Pj,$
 $PiPsP \gg PsPIPSP\ddot{e}Pj$ $P\pm PsP \gg P_{\mu}Pj, C\acute{I}P\ddot{i}P \gg C\acute{r}C,P^{\circ}PSC-C\acute{I}C,C\overline{H} C\acute{I}PIC-PrPsPjPsC\acute{I}C,C-$ $C-$
 $PSP_{\mu}PIC\overline{H}PsP \gg PsPiC-C\ddagger PSP\ddot{e}PjP\ddot{e}$ $C\overline{H}PsP \cdot P \gg P^{\circ}PrP^{\circ}PjP\ddot{e};$ $PiC-PrPIP\ddot{e}C\%_{\circ}P_{\mu}PSPSC\overline{I}$ $C\overline{H}C-PIPSC\overline{I}$
 $P\ddot{i}C\overline{H}PsP \gg P^{\circ}PeC,P\ddot{e}PSC\acute{r}$ $PeC\overline{H}PsPIC-, C\%_{\circ}Ps$ $C\acute{I}C\acute{r}P\ddot{i}C\overline{H}PsPIPPrP\overline{I}C\acute{r}C''C,CHC\acute{I}C\overline{I}$ $P^{\circ}P\pm Ps$ PSP_{μ}
 $C\acute{I}C\acute{r}P\ddot{i}C\overline{H}PsPIPPrP\overline{I}C\acute{r}C''C,CHC\acute{I}C\overline{I}$ $C,P^{\circ}PeP\ddot{e}PjP\ddot{e}$ $P\ddot{i}C\overline{H}PsC\overline{I}PiP^{\circ}PjP\ddot{e}, C\overline{I}Pe$
 $PiP^{\circ}P \gg P^{\circ}PeC,PsC\overline{H}P_{\mu}C\overline{I}, PiC-PSP_{\mu}PePsPjP^{\circ}C\acute{I}C,C-C\overline{I}, P\ddot{i}PsC\overline{H}C\acute{r}C\ddot{e}P_{\mu}PSPSC\overline{I}$
 $PjP_{\mu}C,P^{\circ}P\pm PsP \gg C-P \cdot PjC\acute{r}$ $PeC-C\acute{I}C,PePsPIPSC-$ $C,PeP^{\circ}PSP\ddot{e}PSP\ddot{e}$ $(P \cdot PSP\ddot{e}P\overline{I}P_{\mu}PSPSC\overline{I}$
 $C\overline{H}C-PIPSC\overline{I}$ $PeP^{\circ}P \gg CHC\ddagger C-C\overline{H}$ $C-$ 25-
 $PiC-PrC\overline{H}PsPeC\acute{I}P\ddot{e}C...PsP \gg P_{\mu}PeP^{\circ}P \gg CHC\ddagger P\ddot{e}C_{,,}P_{\mu}C\overline{H}PsP \gg C\acute{r}$ $C\acute{r}$ $PiP \gg P^{\circ}P \cdot PjC-$ $PeC\overline{H}PsPIC-), C\%_{\circ}Ps$
 $P\ddot{i}C\overline{H}P\ddot{e}P \cdot PIPsPrP\ddot{e}C,CH PrPs$ $PsC\acute{I}C,P_{\mu}PsPjP^{\circ}P \gg C\overline{I}C\ddagger C-C-/PsC\acute{I}C,P_{\mu}PsP\ddot{i}PsC\overline{H}PsP \cdot C\acute{r};$
 $PiC-PrPIP\ddot{e}C\%_{\circ}P_{\mu}PSPSC\overline{I}$ $PePsPSC\ddagger P_{\mu}PSC,C\overline{H}P^{\circ}C\ddagger C-C-$ $C...PsP \gg P_{\mu}C\acute{I}C,P_{\mu}C\overline{H}P\ddot{e}PSC\acute{r},$
 $PIPeP \gg C\overline{H}C\ddagger P^{\circ}C\overline{H}C\ddagger P\ddot{e}$ $C...PsP \gg P_{\mu}C\acute{I}C,P_{\mu}C\overline{H}P\ddot{e}PS$ $P \gg C-P\ddot{i}PsP\ddot{i}C\overline{H}PsC,P_{\mu}C-PrC-PI$
 $PIP\ddot{e}C\acute{I}PsPePsC-$ $C\%_{\circ}C-P \gg CHSPsC\acute{I}C,C-$ $C-$ $C,C\overline{H}P\ddot{e}PiP \gg C-C\ddagger P_{\mu}C\overline{H}P\ddot{e}PrP\ddot{e}.$

$P-$ $P\pm PsPeC\acute{z}$ $PsP\pm PjC-PSC\acute{z}$ $C\overline{H}P_{\mu}C\ddagger PsPIP\ddot{e}PS$ C,P° $C...P^{\circ}C\overline{H}C\ddagger C\acute{z}PIP^{\circ}PSPSC\overline{I}$:
 $PSP_{\mu}PrPsC\acute{I}C,P^{\circ}C,PSC-C\acute{I}C,CH C_{,,}PsP \gg P^{\circ}C,C-PI, P \cdot PSP\ddot{e}P\overline{I}P_{\mu}PSPSC\overline{I}$ $P^{\circ}PiP_{\mu}C,P\ddot{e}C,C\acute{r};$
 $PiPsC\acute{I}C,C\overline{H}P^{\circ}$ $P\ddot{i}PsC\overline{H}C_{,,}C-C\overline{H}C-C\overline{I}$ $(PiPsC\acute{I}C,C\overline{H}P^{\circ}$ $C-PSC,P_{\mu}C\overline{H}PjC-C,C\acute{r}C\overline{H}C\ddagger P^{\circ}$
 $P\ddot{i}PsC\overline{H}C_{,,}C-C\overline{H}C-C\overline{I}$ C,P° $P \cdot PjC-C\ddot{e}P^{\circ}PSP^{\circ}$ $P\ddot{i}PsC\overline{H}C_{,,}C-C\overline{H}C-C\overline{I}), PSP_{\mu}PiPsC\acute{I}C,C\overline{H}P^{\circ}$
 $P\ddot{i}PsC\overline{H}C_{,,}C-C\overline{H}C-C\overline{I}$ $(PiC-P \cdot PSC\overline{I}$ $P\ddot{i}PsC\overline{H}C_{,,}C-C\overline{H}C-C\overline{I}$ $C\ddot{e}PeC-C\overline{H}P\ddot{e});$
 $PiC-P\ddot{i}P_{\mu}C\overline{H}P^{\circ}PjPsPSC-C''PjC-C\overline{I}$ $(P \cdot C\ddagger P^{\circ}C\acute{I}C,PsC,PsC\overline{H}$ $B \ll PSP_{\mu}PIC-PrPsPjPsB \gg).$

$P_{\mu}C\acute{I}P\ddot{e}C...C-C\ddagger PSC-$ $C\overline{H}PsP \cdot P \gg P^{\circ}PrP\ddot{e}$: $PiP^{\circ}P \gg C\overline{H}C\ddagger P\ddot{e}PSP^{\circ}C\ddagger C-C-$ $(P \cdot PsC\overline{H}PsPIC-$ $P^{\circ}P\pm Ps$
 $C\acute{I}P \gg C\acute{r}C...PsPIC-), PrP_{\mu}PiC\overline{H}P_{\mu}C\acute{I}C-C\overline{I}, PSP_{\mu}C\acute{I}P\ddot{i}PsPeC-P\overline{N}_{\circ}, P^{\circ}PiC\overline{H}P_{\mu}C\acute{I}P\ddot{e}PIPSC-C\acute{I}C,CH,$
 $P^{\circ}P\overline{I}P\ddot{e}C,P^{\circ}C\ddagger C-C\overline{I}, C\acute{I}P\ddot{i}P \gg C\acute{r}C,P^{\circ}PSC-C\acute{I}C,CH C\acute{I}PIC-PrPsPjPsC\acute{I}C,C-, P^{\circ}PeC,P\ddot{e}PiP^{\circ}C\ddagger C-C\overline{I}$
 $PiC\acute{I}P\ddot{e}C...PsP \cdot C\acute{r}.$

$P-$ $P\pm PsPeC\acute{z}$ $PSP_{\mu}C\overline{H}PIPSPsC-$ $C\acute{I}P\ddot{e}C\acute{I}C,P_{\mu}PjP\ddot{e}$: $P \cdot P^{\circ}PiP^{\circ}PjPsC\overline{H}PsC\ddagger P_{\mu}PSPSC\overline{I},$
 $P^{\circ}C,P^{\circ}PeC\acute{I}C-C\overline{I}, C\acute{I}PsPSP \gg P\ddot{e}PIC-C\acute{I}C,CH, P \cdot P^{\circ}PiP^{\circ}P \gg CHSPSP^{\circ}$ $C\acute{I}P \gg P^{\circ}P\pm PeC-C\acute{I}C,CH,$
 $PiPsP \gg PsPIPSP\ddot{e}P\overline{N}_{\circ}$ $P\pm C-P \gg CH, PrP\ddot{e}P\ddot{i}P \gg PsPiC-C\overline{I}; P^{\circ}PSPsPjP^{\circ}P \gg CHSPSC-$

PjPëPjPsPIC-P»CHbPSC- CĤCřC...Pë (PSP°PïCĤPëPëP»P°Pr C,CĤPµPjPsCĤ,
B«PïCřCĤC...P°CĤC†PëPNëB» C,CĤPµPjPsCĤ, PrPëCřC,PsPSC-CĬ, C,PëPe), PSC-CřC,P°PiPj,
PsCĤPsC,,P°C†C-P°P»CHbPSP° PrPëCřPeC-PSPµP·C-CĬ, PïPsCĤCřCëPµPSPSCĬ CĤCřC...Cř
PsC†PµPNë, PïPsCĤCřCëPµPSPSCĬ PjPsPIP»PµPSPSCĬ (PSP°PïCĤPëPëP»P°Pr
PrPëP·P°CĤC,CĤC-CĬ P°P±Ps PSPµCĤPsP·P±C-CĤP»PëPIP° PjPsPIP°),
C...PsCĤPµPsP°C,PµC,PsP·, PïPµCĤPëC,,PµCĤPëC†PSP° PSPµPNëCĤPsPïP°C,C-CĬ,
PïP°CĤPµCřC,PµP·C-C—, PjPĤ™CĬP·PsPIP° CřP»P°P±PeC-CřC,CH C,P° PïP°CĤPµP·,
PïPsCĤCřCëPµPSPSCĬ CřPjP°PePsPIPëC... PIC-PrC†CřC,C,C-PI, P·P»PsCĬPeC-CřPSPëPNë
PSPµPNëCĤPsP»PµPïC,PëC†PSPëPNë CřPëPSPrCĤPsPj, P°CřPµPïC,PëC†PSPëPNë PjPµPSC-PSPiC-C,
P·PjC-PsPeP»PsPSC-C”CĤ C,P° PïPµCĤPëC,,PµCĤPëC†PSPsCĤ PµPsP·PëPSPsC,,C-P»C-C”CĤ,
PrPëCřPiPµPIP·C-CĬ, CřPµPrP°C,PëPIPSPëPNë PµC,,PµPeC,, PïPsPiC-CĤCëPµPSPSCĬ
PïP°PjPĤ™CĬC,C-.

P— P±PsPeCž PsCĤPiP°PSC-PI P·PsCĤCž: PïPsCĤCřCëPµPSPSCĬ P°PePsPjPsPrP°C†C-C—
(PSP°PïCĤPëPëP»P°Pr P·P°C,CřPjP°PSPµPSPSCĬ P·PsCĤCř), PïPsPjCřC,PSC-PSPSCĬ
PeCĤPëCëC,P°P»PëPeP°, PePsPSbĤ™CĤPSPeC,PëPIC-C,, PïC-PrPIPëC%PµPSPSCĬ
PIPSCřC,CĤC-CëPSCĤPsPsC†PSPsPiPs C,PëCřPeCř.

P— P±PsPeCž PsCĤPiP°PSC-PI CřP»CžC...Cž C,P° CĤC-PIPSPsPIP°PiPë: CĤPsP·P»P°PrPë
CřP»CřC...Cř, PSP°PïCĤPëPëP»P°Pr: PrP·PIC-PS Cř PICřC...P°C..., PïC-PrPIPëC%PµPSPSCĬ
CřP»CřC...PsPIPsC— C†CřC,P»PëPIPsCřC,C-, P·PSPëP¶PµPSPSCĬ CřP»CřC...PsPIPsC—
C†CřC,P»PëPIPsCřC,C-, PïPsCĤCřCëPµPSPSCĬ CřPïCĤPëPNëPSCĬC,C,CĬ PIPëCřPsC,Pë
P·PICřPeCř.

P— P±PsPeCž CřPµCĤC†CĬ C,P° CřCžPrPëPS: PïPsCĤCřCëPµPSPSCĬ
PIPSCřC,CĤC-CëPSCĤPsCřPµCĤC†PµPIPsC— PïCĤPsPIC-PrPSPsCřC,C-,
P°CĤC,PµCĤC-P°P»CHbPSP° PïC-PïPµCĤC,PµPSP·C-CĬ P°P±Ps P°CĤC,PµCĤC-P°P»CHbPSP°
PïC-PïPsC,PµPSP·C-CĬ, P±CĤP°PrPëPeP°CĤPrC-CĬ, P°CĤPëC,PjC-C—,
P°C,CĤC-PsPIPµPSC,CĤPëPeCřP»CĬCĤPSP° P±P»PsPeP°PrP° C-P· CřPëPSPePsPïPµ,
C†PëCĤPeCřP»CĬC,PsCĤPSPëPNë PePsP»P°PïCř, P·P°CřC,C-PNëPSP° CřPµCĤC†PµPIP°
PSPµPrPsCřC,P°C,PSC-CřC,CH, P·P°PiPsCřC,CĤPµPSPSCĬ C-CëPµPjC-C†PSPsC—
C...PIPsCĤPsP±Pë, C,CĤPsPjP±PsC,,P»PµP±C-C,, C,CĤPsPjP±PsPµPjP±PsP»C-CĬ
(PSP°PïCĤPëPëP»P°Pr PµPjP±PsP»C-CĬ CřCřPrPëPS P»PµPiPµPSCĤb).

P— P±PsPeCž PrPëC...P°P»CHbPSPsC— CřPëCřC,PµPjPë, PsCĤPiP°PSC-PI PïCĤCžPrPSPsC—
PeP»C-C,PëPë C,P° CřPµCĤPµPrPsCřC,C-PSPSCĬ: CĤPµP°PeC†C-C—
PïC-PïPµCĤC†CřC,P»PëPIPsCřC,C- P· P±PsPeCř P»PµPiPµPSC-PI, C%Ps
C...P°CĤP°PeC,PµCĤPëP·CřCĤC,CHCřCĬ PïP°CĤCĬC†PePsCĤ, P·P°PrPëCëPePsCĤ,
PïPSPµPIPjPsPSC-C,PsPj P°P±Ps PïPSPµPIPjPsPSC-C”CĤ.

P— P±PsPeCž CëP»CžPSPePsPIPs-PëPëCëPePsPIPsPiPs C,CĤP°PeC,Cž:B PSCřPrPsC,P°,
P±P»CĤPIP°PSPSCĬ, CřCřC...C-CřC,CH Cř CĤPsC,C-, PrC-P°CĤPµCĬ P°P±Ps P·P°PïPsCĤ,
P°P±PrPsPjC-PSP°P»CHbPSPëPNë P±C-P»CH, PiP»PsCřPëC,, CřC,PsPjP°C,PëC,,
PïP°PSPeCĤPµP°C,PëC,, PePsP»C-C.,

P— P±PsPeCž PïPµC†C-PSPePë C,P° P¶PsPIC†PsPIPëPIC-PrPSPëC... CëP»CĬC...C-PI:
PïC-PrPIPëC%PµPSPSCĬ CĤC-PIPSCĬ PïP°PjPjP°-PiP»CřC,P°PjC-P»C,CĤP°PSCřC,,PµCĤP°P·Pë
(PIPSP°CřP»C-PrPsPe C-PSPrCřPeC†C-C— C,,PµCĤPjPµPSC,Cř PïPµC†C-PSPePë)
P·P°P·PIPëC†P°PNë PSPµ PjP°C” PeP»C-PSC-C†PSPsPiPs P·PSP°C†PµPSPSCĬ;
PïC-PrPIPëC%PµPSPSCĬ CĤC-PIPSCĬ P»CřP¶PSPsC— C,,PsCřC,,P°C,P°P·Pë PeCĤPsPIC-,
PïC-PrPIPëC%PµPSPSCĬ CĤC-PIPSCĬ C,CĤP°PSCřP°PjC-PSP°P·, PiPµPïP°C,PëC,
C...PsP»PµCřC,P°C,PëC†PSPsPiPs, PïP°CĤPµPSC...C-PjP°C,PsP·PSPsPiPs

(PiPμPiP°C,PsC†PμP»CḤP»CḶCḤPSPsPiPs) P°P±Ps P·PjC-C€P°PSPsPiPs C,PëPiC-PI,
CḶPëPSPPrCḤPsPj P·PSPëPePSPμPSPSCḶ P¶PsPIC†PSPëC... C€P»CḶC...C-PI,
P¶PsPIC,CḶPSPëC†CḶ, PiCḤP°PSCrP»PμPjP°C,PsP·PSPëPNḶ PiPμPiP°C,PëC,, PiPμC†C-PSPePsPIP°
PSPμPrPsCḶC,P°C,PSC-CḶC,CH.

P— P±PsPeCž C€PeC-CḤPë C,P° PiC-PrC€PeC-CḤPSPsC— PeP»C-C,PePsPIPëPSPë:B
P°P»PμCḤPiC-C†PSPëPNḶ PrPμCḤPjP°C,PëC,, PeCḤPsPiPëPIBḤ™ CḶPSPeP° (C-PSPsPrC-
CḶ C,CḶP¶PeC-PNḶ C,,PsCḤPjC-) PμPeCḶC,,PsP»C-P°C,PëPIPSPëPNḶ PrPμCḤPjP°C,PëC,,
PμCḤPëC,CḤPsPrPμCḤPjC-CḶ, CḶPëCḶC,PμPjPSPëPNḶ C†PμCḤPIPsPSPëPNḶ PIPsPIC†P°Pe,
CḶPIPμCḤP±C-P¶, CḶPëPSPPrCḤPsPj PḶC,C-PIPμPSCḶP° BḤ“ P”P¶PsPSCḶPsPSP°,
C,PsPeCḶPëC†PSPëPNḶ PμPiC-PrPμCḤPjP°P»CHPSPëPNḶ PSPμPeCḤPsP»C-P°,
C,,PsC,PsC†CḶC,P»PëPIC-CḶC,CH, PjCḶP»CHC,PëC,,PsCḤPjPSP° C,P° PICḶP·P»PëPePsPIP°
PμCḤPëC,PμPjP°, PiPsCḤCḶC€PμPSPSCḶ PiC-PiPjPμPSC,P°C†C-C— C€PeC-CḤPë,
PiCḶCḤPiCḶCḤP°, P°PePSPμ, PiC-PrPIPëC%PμPSP° PiC-C,P»PëPIC-CḶC,CH,
PiPsCḶPëP»PμPSPμ PIPëPiP°PrC-PSPSCḶ PIPsP»PsCḶCḶCḶ, PiC-CḤCḶCḶC,PëP·Pj,
PiPsCḶC,CḤPëPNḶ PiPμPSPμCḤP°P»C-P·PsPIP°PSPëPNḶ PμPeP·P°PSC,PμPjP°C,PsP·PSPëPNḶ
PiCḶCḶC,CḶP»CHPsP· (AGEP), P»C-C...PμPSPsC—PrPSPëPNḶ PePμCḤP°C,PsP·,
PsPSC-C...PsPjP°PrPμP·.

P— P±PsPeCž CḶPePμP»PμC,PSPs-PjBḤ™ CḶP·PsPIPsC— C,P° CḶPiPsP»CžC†PSPsC—
C,PeP°PSPëPSPë: PjBḤ™ CḶP·PsPIP° CḶP»P°P±PeC-CḶC,CH, P°CḤC,CḤP°P»PiC-C—,
PjBḤ™ CḶP·PsPIPëPNḶ P±C-P»CH, CḶPiP°P·PjPë PjBḤ™ CḶP·C-PI, PiPsCḤCḶC€PμPSPSCḶ
PeC-CḶC,PePsPIPsPiPs PjPμC,P°P±PsP»C-P·PjCḶ (P·PSPëP¶PμPSPSCḶ CḤC-PIPSCḶ
PeP°P»CHC†C-CḤ C,P° 25-PiC-PrCḤPsPeCḶPëC...PsP»PμPeP°P»CHC†PëC,,PμCḤPsP»CḶ CḶ
PiP»P°P·PjC- PeCḤPsPIC-, C%Ps PjPsP¶Pμ PiCḤPëP·PIPμCḶC,Pë PrPs
PsCḶC,PμPsPjP°P»CḶC†C-C— P°P±Ps PsCḶC,PμPsPiPsCḤPsP·CḶ), PiPμCḤPμP»PsPjPë.

P— P±PsPeCž PSPëCḤPsPe C,P° CḶPμC†PsPIPëPIC-PrPSPëC... C€P»CḶC...C-PI:
C,CḶP±CḶP»PsC-PSC,PμCḤCḶC,PëC†C-P°P»CHPSPëPNḶ PSPμC,,CḤPëC,, PSPëCḤPePsPIP°
PSPμPrPsCḶC,P°C,PSC-CḶC,CH, PiPsCḤCḶC€PμPSPSCḶ C,,CḶPSPeC†C-C— PSPëCḤPsPe
(PSP°PiCḤPëPeP»P°Pr P°P»CHP±CḶPjC-PSCḶCḤC-CḶ, PiPμPjP°C,CḶCḤC-CḶ,
PsP»C-PiCḶCḤC-CḶ, PiC-PrPIPëC%PμPSPSCḶ CḤC-PIPSCḶ CḶPμC†PsPIPëPSPë PI
PeCḤPsPIC-/P°P·PsC,PμPjC-CḶ), C†P°CḶC,Pμ CḶPμC†PsPIPëPiCḶCḶPeP°PSPSCḶ,
P·P°C,CḤPëPjPeP° CḶPμC†C-.

P— P±PsPeCž CḤPμPiCḤPsPrCžPeC,PëPIPSPsC— CḶPëCḶC,PμPjPë: CḶC,P°C,PμPIP°
PrPëCḶC,,CḶPSPeC†C-CḶ/C-PjPiPsC,PμPSC†C-CḶ/PμCḤPμPeC,PëP»CHPSP°
PrPëCḶC,,CḶPSPeC†C-CḶ, PiPsCḤCḶC€PμPSPSCḶ CḶPiPμCḤPjP°C,PsPiPμPSPμP·CḶ (P·C-
P·PSPëP¶PμPSPSCḶPj PeC-P»CHPePsCḶC,C-/CḤCḶC...P»PëPIPsCḶC,C-
CḶPiPμCḤPjP°C,PsP·PsC—PrC-PI).

P—P°PiP°P»CHPSC- PiPsCḤCžC€PμPSPSCḶ: P·P°PiP°P»CHPSP° CḶP»P°P±PeC-CḶC,CH.

P†PSC,,PμPeC†C-PNḶPSC- C,P° PiP°CḤP°P·PëC,P°CḤPSC- P·P°C...PIPsCḤCḤPIP°PSPSCḶ:
CḤPμP°PeC,PëPIP°C†C-CḶ PIC-CḤCḶCḶCḶ PiPμCḤPiPμCḶCḶ P»CHPrPëPSPë VI C,PëPiCḶ.

P'C-PrC...PëP»PμPSPSCḶ CḤPμP·CžP»CHC,P°C,C-PI P»P°P±PsCḤP°C,PsCḤPSPëC... C,P°
C-PSCḶC,CḤCžPjPμPSC,P°P»CHPSPëC... PrPsCḶP»C-PrP¶PμPSCḤ: PiC-PrPIPëC%PμPSPSCḶ
CḤC-PIPSCḶ PiP°PjPjP°-PiP»CHC,P°PjC-P»C,CḤP°PSCḶC,,PμCḤP°P·Pë (CḶPiCḤPëC†PëPSPμPSPμ
C-PSPPrCḶPeC†C-C”CḤ PiPμC†C-PSPePsPIPëC... C,,PμCḤPjPμPSC,C-PI), CḶPePμ P·P°P·PIPëC†P°PNḶ
PSPμ PjP°C” PeP»C-PSC-C†PSPsC— P·PSP°C†PëPjPsCḶC,C-, P·P±C-P»CHC€PμPSPSCḶ

C₇H₅C-PIPS₂CI P»C₇P₇PIPS₂C— C₇„PsC₇C₇„P°C,P°P·Pë PI PeC₇PsPIC-, P·P±C-P»CH₃C€P₇PIPS₂CI
 C₇H₅C-PIPS₂CI C,C₇H₅P°PSC₇P°PjC-PSP°P·, P·P±C-P»CH₃C€P₇PIPS₂CI
 PIPSC₇C,C₇H₅C-C€PSC₇PsPsC±PSPsPiPs C,PëC₇PëC₇, P·P±C-P»CH₃C€P₇PIPS₂CI C₇H₅C-PIPS₂CI
 C...PsP»P₇C₇C,P₇CI PëPSC₇ C₇ PeC₇PsPIC-, P·P±C-P»CH₃C€P₇PIPS₂CI C₇H₅C-PIPS₂-PI
 P»C-PiPsPiC₇PsC,P₇C—PrC-PI PIPëC₇PsPePsC— C%₀C-P»CH₃PIPS₂C₇C-,
 P·P±C-P»CH₃C€P₇PIPS₂CI C₇H₅C-PIPS₂-PI C,C₇H₅PëPiP»C-C†P₇CI PëPrC-PI C₇ PeC₇PsPIC-,
 P·PjC-PSP° PiPsPeP°P·PSPëPeC-PI C₇„C₇PSPeC†C-C— C%₀PëC,PsPIPëPrPSPsC— P·P°P»PsP·Pë:
 P·PSPëP₇PIPS₂CI C₇H₅C-PIPS₂CI L-C,PëC₇PsPeC₇PëPSC₇ (FT₄, T₄, T₃) C-
 PiC-PrPIPëC%₀P₇PIPS₂CI C₇H₅C-PIPS₂CI C,PëC₇P₇PsC₇C,PëPjC₇P»CH₃C€P₇PIPS₂
 PiPsC₇PjPsPSC₇, C%₀Ps, CI Pë PiC₇P°PIPëP»Ps, PSP₇ C₇C₇PiC₇PsPiPsPrP₇CI C₇C₇CI
 PeP»C-PSC-C±PSPëPjPë PiC₇PsCIPIP°PjPë; P·P±C-P»CH₃C€P₇PIPS₂CI C₇H₅C-PIPS₂CI
 PiC₇PsP»P°PeC,PëPSC₇ PI PeC₇PsPIC-, PiC-PiPsPiP°PjPjP°PiP»PsP±C₇P»C-PSP₇PjC-CI,
 P·PSPëP₇PIPS₂CI PjC-PSP₇CI P°P»CH₃PIPS₂C— C%₀C-P»CH₃PIPS₂C₇C-, PeC-C₇C,PePsPiPsC—
 C,PeP°PSPëPSPë.

P₇P₇CI PjC-PS PiC₇PëPrP°C,PSPsC₇C,C-. 3 C₇PsPePë.

PjPjPsPIPë P·P±P₇CI C-PiP°PSPSC₇CI.

P—P±P₇CI C-PiP°C,Pë PI PsC₇PëPiC-PSP°P»CH₃PSC-PM₂ C₇PiP°PePsPIC†C- PiC₇Pë
 C,P₇PjPiP₇CI P°C,C₇C₇C- PSP₇ PIPëC%₀P₇ 25 B°P₇.

P—P±P₇CI C-PiP°C,Pë C₇ PSP₇PrPsC₇C,C₇PiPSPsPjC₇ PrP»CI PrC-C,P₇PM₂ PjC-C₇C†C-.

PjPiP°PePsPIPëP°.

P₇Ps 10 C,P°P±P»P₇C,PsPe C₇ P±P»C-C₇C,P₇CI C-, PiPs 2 P°P±Ps 5 P±P»C-C₇C,P₇CI C-PI C₇
 PiP°C†C†C- P· PeP°C₇C,PsPSC₇;

PiPs 50 C,P°P±P»P₇C,PsPe C₇ PePsPSC,P₇PM₂PSP₇CI C-, PiPs 1 PePsPSC,P₇PM₂PSP₇CI C₇ C₇
 PiP°C†C†C- P· PeP°C₇C,PsPSC₇.

P₇P°C,P₇PiPsC₇C-CI PIC-PrPiC₇C₇PeC₇.

P—P° C₇P₇C†P₇PiC,PsPj.B

P'PëC₇PsP±PSPëPe/P·P°CIPIPSPëPe.

P₇CI P₇hP₇ B«P₇P₇C...PSPsP»PsPiB».

P₇C-C₇C†P₇P·PSP°C...PsPrP₇PIPS₂CI PIPëC₇PsP±PSPëPeP° C,P° PM₂PsPiPs

Р°РrСђРµСѓР° РjС-СѓС†Сђ РїСђРsРlР°РrР¶РµРsРsСђ РrС-СђР»СђРsСѓС,С-.

РJРeСђР°С—РsР°, 20300, РђРµСђРeР°СѓСђРeР° РsР±Р», РjС-СѓС,Рs РJРjР°РsСђ,
РlСѓР»РёС†Сђ РŸС,Р°СђР° РїСђРsСђС-Р·РsР°, Р±СѓРrРёРёРsРsРe 8.