

PrP»Cİ PjPµPrPëC‡PSPsPiPs P·P°CÍC,PsCÍCfPIP°PSPSCİ P»C-PeP°CİCİCHPePsPiPs
P·P°CÍPsP±Cf

P°P·PµPİPİP·P°P°^{B®}

(GEPACEF)

PŸPeP»P°Pr:

PrC-CHC‡P° CİPµC‡PsPIPëPSP°: C‡PµC,,PsPİPµCİP°P·PsPS;

1 C,,P»P°PePsPS PjC-CÍC,PëC,CH C‡PµC,,PsPİPµCİP°P·PsPSCf PSP°C,CİC-C°PIPsC— CÍPsP»C-Cf PİPµCİPµCİP°C...CfPIP°PSPSC- PSP° C‡PµC,,PsPİPµCİP°P·PsPS 1,0 Pi.

P»C-PeP°CİCİCHPeP° C,,PsCİPjP°. PµPsCİPµCİPsPe PrP»Cİ CİPsP·C‡PëPSCf PrP»Cİ C-PSBİ™ C°PeC‡C-PNë.

PİCİPSPsPIPsC- C,,C-P·PëPePs-C...C-PjC-C‡PSC- PIP»P°CÍC,PëPIPsCÍC,C-: PİPsCİPµCİPsPe P±C-P»PsPiPs P°P±Ps P±C-P»PsPiPs C-P· Pİ(PsPIC,CfPIP°C,PëPj PIC-PrC,C-PSPePsPj PePsP»CHPsCİCf, PiC-PiCİPµCİP°PePsPiC-C‡PSPëPNë.

P°P°CİPjP°PePsC,PµCİP°PİPµPIC,PëC‡PSP° PiCİCfPİP°.

PİPµC,,P°P»PsCÍPİPsCİPëPSPë P‡P‡P‡ PİPsPePsP»C-PSPSCİ. PµPsPr ATPİ J01D D12.

P°P°CİPjP°PePsP»PsPiC-C‡PSC- PIP»P°CÍC,PëPIPsCÍC,C-.

P°P°CİPjP°PePsPrPëPSP°PjC-PeP°.

P°P°PeC,PµCİPëC‡PëPrPSP° PrC-Cİ PİCİPµPİP°CİP°C,Cf P°PµPİP°C‡PµC,,^{B®}
P·CfPjPsPIP»PµPSP° CfPİPsPIC-P»CHPsPµPSPSCİPj CİPëPSC,PµP·Cf CÍC,C-PSPePë
PeP»C-C,PëPSPë P±P°PeC,PµCİC-C—.

P°PµPİP°C‡PµC,,^{B®} P°PeC,PëPIPsPëPNë *in vitro* C%PsPrPs PIPµP»PëPePsC—
PeC-P»CHPePsCÍC,C- PeP»C-PSC-C‡PSPs P·PSP°C‡CfC%PëC...
PjC-PeCİPµPsPsCİPİP°PSC-P·PjC-PI. Pj C,PsPNë PİPµ C‡P°CÍ PIC-PS PIPëCİPIP»CİCİC°
CÍC,C-PNëPeC-CÍC,CH PrPs PrC-C— P±P°PİP°C,CHPsC... P±PµC,P°-P»P°PeC,P°PjP°P·.

P—P°P·PSP°C‡PµPSC- PSPëPİC‡Pµ PjC-PeCİPµPsPsCİPİP°PSC-P·PjPë C‡CfC,P»PëPIC- PrPs
PİCİPµPİP°CİP°C,Cf P°PµPİP°C‡PµC,,^{B®}.

P°CİP°PjPİPsP·PëC,PëPIPsC- PjC-PeCİPµPsPsCİPİP°PSC-P·PjPë:

Staphylococcus aureus (C€C,P°PjPë, C%Ps PiCtjPsPrCfPeCfCtC,CH C,P° PSPµ PiCtjPsPrCfPeCfCtC,CH PiPµPSC-C†PëP»C-PSP°P·Cf), *Staphylococcus epidermidis*, *Streptococcus pneumoniae* (PiPsPiPµCtjPµPrPSCl PSP°P·PIP° бт “ *Diplococcus pneumoniae*), *Streptococcus pyogenes* (P±PµC,P°-PiPµPjPsP»C-C,PëC†PSC- C†C,CtjPµPiC,PsPePsPePë PiCtjCfPiPë Ph), *Streptococcus agalactiae* (P±PµC,P°-PiPµPjPsP»C-C,PëC†PSC- C†C,CtjPµPiC,PsPePsPePë PiCtjCfPiPë B), *Streptococcus faecalis* (PµPSC,PµCtjPsPePsPe), P±PµC,P°-PiPµPjPsP»C-C,PëC†PSC- C†C,CtjPµPiC,PsPePsPePë.

P“CtjP°PjPSPµPiP°C,PëPIPSC- PjC-PeCtjPsPsCtjPiP°PSC-P·PjPë:

Escherichia coli, CtjC-Pr *Klebsiella*, CtjC-Pr *Enterobacter*, CtjC-Pr *Citrobacter*, *Haemophilus influenzae*, *Proteus mirabilis*, *Proteus vulgaris*, *Morganella morganii* (CtjP°PSC-C€Pµ - *Proteus morganii*), *Providencia rettgeri* (CtjP°PSC-C€Pµ - *Proteus rettgeri*), CtjC-Pr *ProvidenciP°*, CtjC-Pr *Serratia* (PIPeP»CtC†P°CtC†Pë *S. Marcescens*), CtjC-Pr *Salmonella* C,P° *Shigella*, *Pseudomonas aeruginosa* C,P° PrPµClPeC- C-PSC€C- *Pseudomonas*, *Acinetobacter calcoaceticus*, *Neisseria gonorrhoeae* (C€C,P°PjPë, C%Ps PiCtjPsPrCfPeCfCtC,CH C- PSPµ PiCtjPsPrCfPeCfCtC,CH P±PµC,P°-P»P°PeC,P°PjP°P·Pë), *Neisseria meningitidis*, *Bordetella pertussis*, *Yersinia enterocolitica*.

PhPSP°PµCtjPsP±PSC- PjC-PeCtjPsPsCtjPiP°PSC-P·PjPë:

PiCtjP°PjPiPsP·PëC,PëPIPSC- C,P° PiCtjP°PjPSPµPiP°C,PëPIPSC- PePsPePë (PIPeP»CtC†P°CtC†Pë CtjC-Pr *Peptococcus*, *Peptostreptococcus* C,P° *Veillonella*);

PiCtjP°PjPiPsP·PëC,PëPIPSC- PiP°P»PëC†PePë (PIPeP»CtC†P°CtC†Pë CtjC-Pr *Clostridium*, *Eubacterium* C,P° *Lactobacillus*);

PiCtjP°PjPSPµPiP°C,PëPIPSC- PiP°P»PëC†PePë (PIPeP»CtC†P°CtC†Pë CtjC-Pr *Fusobacterium*, P±P°PiP°C,Ps C€C,P°PjC-PI *Bacteroides fragilis* C,P° C-PSC€PëC... PiCtjPµPrC†C,P°PIPSPëPeC-PI CtjPsPrCf *Bacteroides*).

PαP°CtjPjP°PePsPeC-PSPµC,PëPeP°.

P’PëC†PsPeC- CtjC-PIPSC- C† PeCtjPsPIC-, P¶PsPIC†C- C,P° C†PµC†C- PrPsC†CµPiP°CtC,CHC†Cµ PiC-C†P»Cµ CtjP°P·PsPIPsPiPs PIPIPµPrPµPSPSCl PiCtjPµPiP°CtjP°C,C†. Pj C,P°P±P»PëC†C- 1 PSP°PIPµPrPµPSPs PePsPSC†PµPSC,CtjP°C†C-C— PiCtjPµPiP°CtjP°C,C† C† C†PëCtjPsPIP°C,C†C- PeCtjPsPIC- PrPsCtjPsC†P»PëC... P·PrPsCtjPsPIPëC... PrPsP±CtjPsPIPsP»CHC†C-PI. P†C- PrP°PSC- P±C†P»Ps PsPrPµCtjP¶P°PSPs PiC-C†P»Cµ 15-C...PIPëP»PëPSPSPsPiPs PIPSC†C,CtjC-C€PSCµPsPIPµPSPSPsPiPs PIPIPµPrPµPSPSCl 1, 2, 3 P°P±Ps 4 Pi PiCtjPµPiP°CtjP°C,C† P°P±Ps PiC-C†P»Cµ PsPrPSPsCtjP°P·PsPIPsPiPs PIPSC†C,CtjC-C€PSCµPsPjбт™ CµP·PsPIPsPiPs PIPIPµPrPµPSPSCl 1 P°P±Ps 2 Pi PiCtjPµPiP°CtjP°C,C†. PµCtjPsP±PµPSPµC†PëPr PSPµ PIPIP»PëPIP°C” PSP° CtjC-PIPµPSCµ PePsPSC†PµPSC,CtjP°C†C-C— C†PµC,,PsPiPµCtjP°P·PsPSC† C† PeCtjPsPIC-.

PŸPµCtjPµPrPSC- PePsPSC†PµPSC,CtjP°C†C-C— C†PµC,,PsPiPµCtjP°P·PsPSC† C† C†PëCtjPsPIP°C,C†C- PeCtjPsPIC- (PjPePi/PjP») PŸP°P±P»PëC†Cµ 1.

PiC-Pr C†P°C† P°P±PrPsPjC-PSP°P»CHbPSPëC..., PiC-PSPrµPePsP»PsPiC-C†PSPëC...,
C†PrµC†PrµPIPs-C†C†PrPëPSPSPëC... C,P° PsC†C,PsPiPrµPrPëC†PSPëC... PsPiPrµC†P°C†C-PN.

PrµC†PsC,PëPiPsPeP°P·P°PSPSC†.

P°C-PiPrµC†C†C,P»PëPIC-C†C,CH PrPs C†PrµC,,PsPiPrµC†P°P·PsPSC† P°P±Ps PrPs
P±C†PrCH-C†PePsPiPs P· P°PSC,PëP±C-PsC,PëPeC-PI C†PrµC,,P°P»PsC†PiPsC†PëPSPsPIPsPiPs
C†C†PrC†.

***P°P·P°C°PjPsPrC-C† P· C-PSCëPëPjPë P»C-PeP°C†C†CHbPePëPjPë P·P°C†PsP±P°PjPë C,P°
C-PSCëC- PIPëPrPë PIP·P°C°PjPsPrC-PN.***

PjP»PePsPiPsP»CH

PrµPsPIC-PrPsPjP»C†P»PsC†C†, C°Ps PiC†Pë PIP¶PëPIP°PSPSC- P°P»PePsPiPsP»CH PiC-Pr
C†P°C† P»C-PeC†PIP°PSPSC† PiC†PrµPiP°C†P°C,PsPj C- PSP°PIC-C,CH C†PrµC†PrµP· 5 PrC-P±
PiC-C†P»C† PsC†C,P°PSPSCHbPsPiPs PIP¶PrµPµPSPSC† C†PrµC,,PsPiPrµC†P°P·PsPSC†
PIPëPSPëPeP°P»P° PrPëC†C†P»CHbC,,C-C†P°PjPsPiPsPrC-P±PSP° C†PrµP°PeC†C-C†, C°Ps
C...P°C†P°PeC,PrµC†PëP·C†PIP°P»P°C†C† PiC†PëPiP»PëPIP°PjPë, PiC-PrPIPëC°PrµPSPsC†
PiC-C,P»PëPIC-C†C,CH, PiPsP»PsPIPsPëPj P±PsP»PrµPj C- C,P°C...C-PeP°C†PrC-C°CH.
PrµPsPrC-P±PSC- C†PrµP°PeC†C-C— PIPëPSPëPeP°P»Pë C- PiC-C†P»C† PiC†PëPNPsPjC†
C-PSCëPeC... C†PrµC,,P°P»PsC†PiPsC†PëPSC-PI, C,PsPjC† C†P»C-Pr P·P°C†C,PrµC†C-PiP°C,Pë
PiP°C†C-C°PSC,C-PI PIC-Pr PIP¶PëPIP°PSPSC† P°P»PePsPiPsP»CHbPSPëC... PSP°PiPsC—PI C†
PiPrµC†C-PsPr P»C-PeC†PIP°PSPSC† C†PrµC,,PsPiPrµC†P°P·PsPSPsPj. PrµP°C†C-C°PSC,P°Pj,
C†PeC- PiPsC,C†PrµP±C†CHbC,CH PiPrµC†PsC†P°P»CHbPSPsPiPs P°P±Ps
PiP°C†PrµPSC,PrµC†P°P»CHbPSPsPiPs CëC,C†C†PSPsPiPs PiPsPrC†PIP°PSPSC†, C†P»C-Pr
C†PSPëPeP°C,Pë PIP¶PëPIP°PSPSC† C†PsP·C†PëPSC-PI, C°Ps PjC-C†C,C†C,CH PrµC,P°PSPsP».

*P°P·P°C°PjPsPrC-C—, C°Ps PIPiP»PëPIP°CHbC,CH PSP° C†PrµP·C†P»CHbC,P°C,Pë
P»P°P±PsC†P°C,PsC†PSPëC... PrPsC†P»C-PrP¶PrµPSCb*

PrµPsP¶Prµ PIPëPSPëPeP°C,Pë C...PëP±PSPsPiPsP·PëC,PëPIPSP° C†PrµP°PeC†C-C†
C†PrµC†C- PSP° PiP»CHbPePsP·C† PiC†Pë PiC†PsPIPrµPrµPSPSC- C,PrµC†C,C-PI C-P·
C†PsP·C†PëPSP°PjPë P°PrµPSPµPrPëPeC,P° P°P±Ps P»PrµP»C-PSPiP°.

PbC†PsP±P»PëPIPsC†C,C- P·P°C†C,PsC†C†PIP°PSPSC†.

P°C-PiPrµC†C†C,C,P»PëPIC-C†C,CH

P°PrµC†PNPsP·PSC- C†PrµP°PeC†C-C— PiC-PiPrµC†C†C,P»PëPIPsC†C,C-
(P°PSP°C,,C-P»P°PeC,PëC†PSC- C†PrµP°PeC†C-C—), C-PSPePsP»Pë P· P»PrµC,P°P»CHbPSPëPj
PSP°C†P»C-PrPePsPj, P±C†P»Pë P·P°C†PrµC°C†C,C†PsPIP°PSC- PI PiP°C†C-C°PSC,C-PI,
C†PeC- PsC,C†PëPjC†CHbC,CH P±PrµC,P°P»P°PeC,P°PjPSC- PiC†PrµPiP°C†P°C,Pë P°P±Ps
PiC†PrµPiP°C†P°C,Pë C†PrµC,,P°P»PsC†PiPsC†PëPSC†, PIPeP»CHbC†P°CHbC†Pë
C†PrµC,,PsPiPrµC†P°P·PsPS. PiC- C†PrµP°PeC†C-C— C†P°C†C,C-CëPrµ PIPëPSPëPeP°P»Pë C†
PiP°C†C-C°PSC,C-PI, PI P°PSP°PjPSPµP·C- C†PePëC... PSP°C†PIPsC- C†PrµP°PeC†C-C—

PiC-PiPμCḡC†CfC,P»PëPIPsCfC,C- PrPs PrPμPeC-P»CHPePsC... P°P»PμCḡPiPμPSC-PI.

PμPμCḡPμPr PiCḡPëP·PSP°C†PμPSPSCḡPj C†PμC,,PsPiPμCḡP°P·PsPSCf C†P»C-Pr
CḡPμC,PμP»CHPSPs P·C-P±CḡP°C,Pë P°PSP°PjPSPμP·, C%PsP± P·Bḡ™CḡCfCfPIP°C,Pë, C†Pë
PIPëPSPëPeP°P»Pë C†C...PIPsCḡPsPiPs CḡP°PSC-CëPμ CḡPμP°PeC†C-C—
PiC-PiPμCḡC†CfC,P»PëPIPsCfC,C- PrPs C†PμC,,P°P»PsCfPiPsCḡPëPSC-PI,
PiPμPSC-C†PëP»C-PSC-PI P°P±Ps PrPs C-PSCëPëC... P»C-PeP°CḡCfCHPePëC...
P·P°CfPsP±C-PI. PŸP»C-Pr P· PsP±PμCḡPμPḡPSC-CfC,Cḡ PiCḡPëP·PSP°C†P°C,Pë C†PμPNë
PiCḡPμPiP°CḡP°C, PiP°C†C-C”PSC,P°Pj, C†CfC,P»PëPIPëPj PrPs PiPμPSC-C†PëP»C-PSCf.

PḡPSC,PëP±C-PsC,PëPePë C†P»C-Pr P· PsP±PμCḡPμPḡPSC-CfC,Cḡ PiCḡPëP·PSP°C†P°C,Pë
PiP°C†C-C”PSC,P°Pj, C†CḡPePëC... CḡP°PSC-CëPμ P±C†P»Pë PiCḡPsCḡPIPë P±C†PrCH-
CḡPePsC— C,,PsCḡPjPë P°P»PμCḡPiC-C—, PsCfPsP±P»PëPIPs P°P»PμCḡPiC-C— PSP°
P»C-PeP°CḡCfCHPeC- P·P°CfPsP±Pë.

PiPeC%Ps PIPëPSPëPeP°C” P°P»PμCḡPiC-C†PSP° CḡPμP°PeC†C-Cḡ, C†P»C-Pr
PIC-PrPjC-PSPëC,Pë PiCḡPμPiP°CḡP°C, C- PiCḡPëP·PSP°C†PëC,Pë PSP°P»PμPḡPSPμ
P»C-PeC†PIP°PSPSCḡ. PŸPμCḡPNëPsP·PSC- P°PSP°C,,C-P»P°PeC,PëC†PSC- CḡPμP°PeC†C-C—
PIPëPjP°PiP°CḡC,CH PSPμPiP°PNëPSPsPiPs PSPμPIC-PrPeP»P°PrPSPsPiPs PIPiPμPrPμPSPSCḡ
P°PrCḡPμPSP°P»C-PSCf. PμCḡPë PSPμPsP±C...C-PrPSPsCfC,C- C†P»C-Pr
P·P°CfC,PsCfPsPIC†PIP°C,Pë PePëC†PμPSCḡ, PIPSCfC,CḡC-CëPSCḡPsPIPμPSPSC-
PePsCḡC,PëPePsCfC,PμCḡPsC—PrPë, P° C,P°PePsPḡ PiC-PrC,CḡPëPjC†PIP°C,Pë
PiCḡPsC...C-PrPSC-CfC,Cḡ PrPëC...P°P»CHPSPëC... CëP»CḡC...C-PI, C†C,PsPjC† C†PëC†P»C-
C- P·P° PrPsPiPsPjPsPiPsCḡ C-PSC,C†P±P°C†C-C—.

P—P°C,,C-PeCfPsPIP°PSPs PIPëPiP°PrPePë CḡPsP·PIPëC,PeC† CëPeC-CḡPSPëC...
CḡPμP°PeC†C-PNë C,CḡPḡPePsPiPs C†C,C†PiPμPSCḡ, C-PSPePsP»Pë P· P»PμC,P°P»CHPSPëPj
PSP°C†P»C-PrPePsPj, C,P°PePëC... CḡPe C,PsPeCfPëC†PSPëPNë PμPiC-PrPμCḡPjP°P»CHPSPëPNë
PSPμPeCḡPsP»C-P·, C†PëPSPrCḡPsPj PŸC,C-PIPμPSCfP°Bḡ“P”PḡPsPSCfPsPSP° C,P°
PμPeCfC,,PsP»C-P°C,PëPIPSPëPNë PrPμCḡPjP°C,PëC,, C† PiP°C†C-C”PSC,C-PI, CḡPeC-
P·P°CfC,PsCfPsPIC†PIP°P»Pë C†PμC,,PsPiPμCḡP°P·PsPS. Pj CḡP°P·C- PIPëPSPëPePSPμPSPSCḡ
CëPeC-CḡPSPsC— CḡPμP°PeC†C-C— C,CḡPḡPePsPiPs C†C,C†PiPμPSCḡ C,PμCḡP°PiC-Cḡ
C†PμC,,PsPiPμCḡP°P·PsPSPsPj C†P»C-Pr PiCḡPëPiPëPSPëC,Pë C,P° CḡPsP·PiPsC†P°C,Pë
PIC-PrPiPsPIC-PrPSPμ P»C-PeC†PIP°PSPSCḡ (PrPëPI. CḡPsP·PrC-P» B«PμPsP±C-C†PSC-
CḡPμP°PeC†C-C—B»).

P—P°CfC,PsCfCžPIP°PSPSCḡ C...PIPsCḡPëPj C-P· PiPsCḡCžCëPμPSPSCḡPjPë C,,CžPSPeC†C-C—
PiPμC†C-PSPePë

PiPμC,,PsPiPμCḡP°P·PsPS P·PSP°C†PSPsCḡ PjC-CḡPsCḡ
PμPeCfPeCḡPμC,C†C”C,CHCfCḡ P· PḡPsPIC†Cḡ. Pj PiP°C†C-C”PSC,C-PI C-P·
P·P°C...PIPsCḡCḡPIP°PSPSCḡPjPë PiPμC†C-PSPePë C,P°/P°P±Ps
PsP±CfC,CḡC†PeC†C-C”Cḡ PḡPsPIC†PSPëC... CëP»CḡC...C-PI
PiPsPrPsPIPḡC†C”C,CHCfCḡ PiPμCḡC-PsPr PSP°PiC-PIIPëPIPμPrPμPSPSCḡ
C†PμC,,PsPiPμCḡP°P·PsPSCf C-P· C†PëCḡPsPIP°C,PePë PeCḡPsPIC- C-
P·P±C-P»CHCëC†C”C,CHCfCḡ PSPëCḡPePsPIP° PμPeCfPeCḡPμC†C-Cḡ
PiCḡPμPiP°CḡP°C,C† C-P· C†PμC†PμCḡ. PkP°PIC-C,CH PiCḡPë C,CḡPḡPePëC...
PiPsCḡC†CëPμPSPSCḡC... C,,C†PSPeC†C-C— PiPμC†C-PSPePë C† PḡPsPIC†C-
PrPsCfCḡPiP°CḡC,CHCfCḡ C,PμCḡP°PiPμPIC,PëC†PSC- PePsPSC†PμPSC,CḡP°C†C-C—
C†PμC,,PsPiPμCḡP°P·PsPSCf, P° PiPμCḡC-PsPr PSP°PiC-PIIPëPIPμPrPμPSPSCḡ
P·CḡPsCfC,P°C” P»PëCëPμ C† 2Bḡ“4 CḡP°P·Pë.

P—P°PiP°P»CHbPSC- P·P°CfC,PμCḡPμP¶PμPSPSCḡ

PμPsPIC-PrPsPjP»CḡP»PsCfCḡ PīCḡPs PIPēPīP°PrPePē CḡPμCḡPNēPsP·PSPēC...
PeCḡPsPIPsPIPēP»PēPIC-PI, PIPeP»CḡC±P°CḡC±Pē PIPēPīP°PrPePē P· P»PμC,P°P»CHbPSPēPj
PSP°CḡP»C-PrPePsPj, PīCḡPē P·P°CfC,PScfCḡPIP°PSPSC- CḡPμC,,PsPīPμCḡP°P·PsPSCḡ.

P°Ps PīCḡCḡPīPē CḡPēP·PēPeCḡ PSP°P»PμP¶P°C,CH PīP°CḡC-C°PSC,Pē P· PsP±PjPμP¶PμPSPēPj
C...P°CḡC±CḡPIP°PSPSCḡPj, PjP°P»CHbP°P±CḡPsCḡP±CḡC-C°Cḡ C,P° PīP°CḡC-C°PSC,Pē,
CḡPeC- C,CḡPēPIP°P»PēPNē C±P°Cḡ PīPμCḡPμP±CḡPIP°CḡC,CH PSP°
PīP°CḡPμPSC,PμCḡP°P»CHbPSPsPjCḡ (PIPSCḡC,CḡC-CēPSCḡPsPIPsPSPSPsPjCḡ)
C...P°CḡC±CḡPIP°PSPSC-. PŸP»C-Pr P·PrC-PNēCḡPSCḡPIP°C,Pē PSP°PiP»CḡPr P·P° C,P°PePēPjPē
PīP°CḡC-C°PSC,P°PjPē C%oPsPrPs PsP·PSP°Pe PeCḡPsPIPsC,PμC±C-,
C,CḡPsPjP±PsCḡPēC,PsPīPμPSC-C— C,P° PiC-PīPsPīCḡPsC,CḡPsPjP±C-PSPμPjC-C—. Pj
PIPēPīP°PrPeCḡ CḡPsP·PIPēC,PeCḡ C,CḡPēPIP°P»PsC— PeCḡPsPIPsC,PμC±C- P±PμP·
PIPēCḡPIP»PμPSPSCḡ C-PSCēPēC... PīCḡPēC±PēPS CḡCHbPsPiPs CḡPIPēC%oP° CḡP»C-Pr
PīCḡPēPīPēPSPēC,Pē P·P°CfC,PScfCḡPIP°PSPSCḡ CḡPμC,,PsPīPμCḡP°P·PsPSCḡ.

PīPe C- C-PSCēC- P°PSC,PēP±C-PsC,PēPePē, PīCḡPē C,CḡPēPIP°P»PsPjCḡ
P·P°CfC,PScfCḡPIP°PSPSC- CḡPμC,,PsPīPμCḡP°P·PsPS PjPsP¶Pμ PīCḡPēP·PIPsPrPēC,Pē PrPs
PīPsCḡPēP»PμPSPsPiPs CḡPsCfC,Cḡ CḡPμP·PēCfC,PμPSC,PSPsC— PjC-PeCḡPsC,,P»PsCḡPē, Cḡ
P·Piḡḡ™CḡP·PeCḡ P· C±PēPj PīC-Pr C±P°Cḡ P»C-PeCḡPIP°PSPSCḡ P·P° PīP°CḡC-C°PSC,P°PjPē
CḡP»C-Pr CḡPμC,PμP»CHbPSPs CḡPīPsCfC,PμCḡC-PiP°C,Pē. PīPe C- PīCḡPē
P»C-PeCḡPIP°PSPSC- P±CḡPrCHb-CḡPePēPj PīPsC,CḡP¶PSPēPj CḡPēCfC,PμPjPSPēPj
PīCḡPμPīP°CḡP°C,PsPj, PīC-Pr C±P°Cḡ C,CḡPēPIP°P»PsC— C,PμCḡP°PiC-C—
CḡPμC,,PsPīPμCḡP°P·PsPSPsPj CḡPμPePsPjPμPSPPrPsPIP°PSPs PīCḡPsPIPsPrPēC,Pē
PīPμCḡC-PsPrPēC±PSC- PsP±CfC,PμP¶PμPSPSCḡ P· PjPμC,PsCḡ PIPēCḡPIP»PμPSPSCḡ
PjPsP¶P»PēPIPēC... C,,CḡPSPeCḡC-PsPSP°P»CHbPSPēC... PīPsCḡCḡCēPμPSCḡ P· P±PsPeCḡ
CḡPēCfC,PμPj PsCḡPiP°PSC-P·PjCḡ, P·PsPeCḡPμPjP° PSPēCḡPsPe, PīPμC±C-PSPePē C-
CḡPēCfC,PμPjPē PeCḡPsPIPsC,PIPsCḡPμPSPSCḡ. PhCḡPsP±P»PēPIPs PIP°P¶P»PēPIC- C,P°PeC-
PsP±CfC,PμP¶PμPSPSCḡ Cḡ PSPsPIPsPSP°CḡPsPrP¶PμPSPēC..., P·PsPeCḡPμPjP° Cḡ
PSPμPrPsPSPsCēPμPSPēC... C,P° C-PSCēPēC... PSPμPjPsPIP»CḡC,,.

PμC-Pr C±P°Cḡ P·P°CfC,PScfCḡPIP°PSPSCḡ PjP°PNēP¶Pμ PICḡC-C...
P°PSC,PēP±P°PeC,PμCḡC-P°P»CHbPSPēC... PīCḡPμPīP°CḡP°C,C-PI, PIPeP»CḡC±P°CḡC±Pē
CḡPμC,,PsPīPμCḡP°P·PsPS, PīPsPIC-PrPsPjP»CḡP»PsCfCḡ PīCḡPs PIPēPīP°PrPePē
PrC-P°CḡPμC—, CḡPīCḡPēC±PēPSPμPSPsC— *Clostridium difficile* [*Clostridium difficile* associated
diarrhea] (CDAD), CḡPeC- P·P° CḡC,CḡPīPμPSPμPj C,CḡP¶PePsCfC,C- PIP°CḡC-CḡPIP°P»Pē
PIC-Pr P»PμPiPePsC— PrC-P°CḡPμC— PrPs P»PμC,P°P»CHbPSPsPiPs PePsP»C-C,Cḡ.
P>C-PeCḡPIP°PSPSCḡ P°PSC,PēP±P°PeC,PμCḡC-P°P»CHbPSPēPjPē PīCḡPμPīP°CḡP°C,P°PjPē
PīPsCḡCḡCēCḡC° PSPsCḡPjP°P»CHbPSCḡ PjC-PeCḡPsC,,P»PsCḡCḡC,PsPICḡC,PsPiPs
PePēCēPμC±PSPēPeCḡ, C%oPs PīCḡPēP·PIPsPrPēC,CH PrPs PīPsCḡPēP»PμPSPsPiPs CḡPsCfC,Cḡ
C. difficile.

C. difficile CḡPēPSC,PμP·CḡC° C,PsPeCḡPēPSPē A C- B, C%oPs CḡPīCḡPēCḡCḡC,CH
CḡPsP·PIPēC,PeCḡ CDAD. PēC,P°PjPē *C. difficile* C-P· PiC-PīPμCḡPīCḡPsPrCḡPeCḡPIP°PSPSCḡPj
C,PsPeCḡPēPSC-PI PsP±CḡPjPsPIP»CḡCḡC,CH PīC-PrPIPēC%oPμPSCḡ
P·P°C...PIPsCḡCḡPIP°PSC-CḡC,CH C- CḡPjPμCḡC,PSC-CḡC,CH, PsCḡPeC-P»CHbPePē
C-PSC,,PμPeCḡC-C—, CḡPeC- PIPsPSPē CḡPīCḡPēC±PēPSCḡCḡC,CH, PjPsP¶CḡC,CH P±CḡC,Pē
CḡC,C-PNēPePēPjPē PrPs C,PμCḡP°PiC-C— P°PSC,PēPjC-PeCḡPsP±PSPēPjPē
PīCḡPμPīP°CḡP°C,P°PjPē C- PjPsP¶CḡC,CH PīPsC,CḡPμP±CḡPIP°C,Pē PePsP»PμPeC,PsPjC-C—.
P PsP·PIPēC,PsPe CDAD CḡP»C-Pr P·P°PiC-PrPsP·CḡCḡPIP°C,Pē PI CḡCḡC-C...

$\text{P}\ddot{\text{P}}\text{eC}\%_{\text{Ps}} \text{P}\ddot{\text{P}}^{\circ}\text{C}\ddagger\text{C}-\text{C}^{\text{PSC}}, \text{PrPsC}, \text{C}\ddot{\text{H}}\text{P}\ddot{\text{P}}\text{PjC}\acute{\text{r}}\text{C}^{\text{PSC}}, \text{C}\ddot{\text{H}}\text{C}\acute{\text{r}}\text{C}\ddagger \text{PrC}-\text{C}^{\text{PSC}}, \text{P}\ddot{\text{P}} \text{P}^{\circ} \text{PSP}\ddot{\text{P}}\text{P}^{\circ}\text{C}\ddot{\text{H}}\text{P}\text{eP}\ddot{\text{P}}\text{Pj}$
 $\text{PIPjC}-\text{C}\acute{\text{r}}\text{C}, \text{PsPj} \text{PSP}^{\circ}\text{C}, \text{C}\ddot{\text{H}}\text{C}-\text{C}\ddot{\text{H}}, \text{C}\acute{\text{r}}\text{P}^{\circ}\text{C}-\text{Pr} \text{PIC}\ddot{\text{H}}\text{P}^{\circ}\text{C} \dots \text{C}\acute{\text{r}}\text{PIP}^{\circ}\text{C}, \text{P}\ddot{\text{P}}, \text{C}\%_{\text{Ps}} \text{P}\ddot{\text{P}}\text{C}\ddot{\text{H}}\text{P}_{\mu}\text{P}\ddot{\text{P}}^{\circ}\text{C}\ddot{\text{H}}\text{P}^{\circ}\text{C},$
 $\text{P}^{\circ}\text{P}_{\mu}\text{P}\ddot{\text{P}}^{\circ}\text{C}\ddagger\text{P}_{\mu}\text{C}, \text{PjC}-\text{C}\acute{\text{r}}\text{C}, \text{P}\ddot{\text{P}}\text{C}, \text{C}\ddot{\text{H}} \text{34 PjPi PSP}^{\circ}\text{C}, \text{C}\ddot{\text{H}}\text{C}-\text{C}\ddot{\text{H}}.$

$$P^{\circ}P^{\circ}P^{\circ}C-C,PSC-C\dot{C}C,CH$$

PuPuCHC-PsPr PiPsPrCrPIP°PSPSCI PiCHCrPrPrCH

$$P-PrP^{\circ}C, PSC-C\acute{I}C, CH\ PIP\ddot{P}\gg P\ddot{e}PIP^{\circ}C, P\ddot{e}\ PSP^{\circ}\ C\in PIP\ddot{e}PrPeC-C\acute{I}C, CH\ C\grave{H}P\mu P^{\circ}PeC\ddagger C-C- \\ P\ddot{i}C\grave{H}P\ddot{e}\ PeP\mu C\grave{H}C\acute{z}PIP^{\circ}PSPSC- P^{\circ}PIC, PsC, C\grave{H}P^{\circ}PSC\acute{I}P\ddot{i}PsC\grave{H}C, PsPj\ P^{\circ}P\pm Ps\ C-PSC\in P\ddot{e}PjP\ddot{e}\ PjP\mu C...P^{\circ}PSC-P\cdot PjP^{\circ}PjP\ddot{e}.$$

P"PsCÍPIC-Pr PeP»C-PSC-C†PSPsPiPs P·P°CÍC,PsCÍCÍPIP°PSPSCÍ C†PµC,,PsPiPµCÍP°P·PsPSCÍ
PIPeP·P·CÍC" PSP° C,Pµ, C%oPs PIPiP»PëPI PiCÍPµPiP°CÍP°C,CÍ PSP° P-PrP°C,PSC-CÍC,CH
PiP°C†C-C"PSC,P° PePµCÍCÍPIP°C,Pë C,CÍP°PSCÍPiPsCÍC,PSPëPjPë P·P°CÍPs±P°PjPë P°P±Ps
PiCÍP°C†CÍPIP°C,Pë P· C-PSCëPëPjPë PjPµC...P°PSC-P·PjP°PjPë PjP°P»PsPnëPjPsPIC-CÍPSPëPnë.

PŸPİPsCİC-P± P·P°CİC,PsCİC¿PIP°PSPSCİ C,P° PrPsP·Pë.

PıCĤPıPİP°CĤP°C, P·P°CİC,PsCİC¿PIC¿CĤC,CH PIPSC¿C,CĤC-C€PSCĤPsPIPıPSPSPs P°P±Ps PIPSC¿C,CĤC-C€PSCĤPsPjBĤ™ CİP·PsPIPs.

P°PsCĤPsCİP»C-.

P—P°P·PIPëC‡P°PNë PrPsP·P° PrP»Cİ PrPsCĤPsCİP»PëC... CİC,P°PSPsPIPëC,CH 2BĤ“4 Pi PSP° PrPsP±C¿, CİPeC¿ PİPİPsPrCİC,CH PePsP¶PSC- 12 PiPsPrPëPS CĤC-PIPSPsPjC-CĤPSPs CĤPsP·PİPsPrC-P»PıPSPëPjPë PrPsP·P°PjPë. PıCĤPë PsCİC¿P±P»PëPIPs C,CİP¶PePëC... C-PSC„PıPeC‡C-CİC... PrPsP·C¿ PjPsP¶PSP° P·P±C-P»CHC€PëC,Pë PrPs 8 Pi PSP° PrPsP±C¿, CİPeC¿ PİPİPsPrCİC,CH PePsP¶PSC- 12 PiPsPrPëPS CĤC-PIPSPsPjC-CĤPSPs CĤPsP·PİPsPrC-P»PıPSPëPjPë PrPsP·P°PjPë. PıCĤPë PİPİPıPrPıPSPSC- PİCĤPıPİP°CĤP°C,C¿ P“PıPİP°C‡PıC„^{B®} C¿ PrPsP±PsPIC-PNë PrPsP·C- 12BĤ“16 Pi, CĤPsP·PİPsPrC-P»PıPSC-PNë PSP° 3 CĤC-PIPSC- PrPsP·Pë (P·C-PSC,PıCĤPIP°P»PsPj PİPİPıPrPıPSPSCİ 8 PiPsPrPëPS), PSPı P±C¿P»Ps PIPëCİPİP»PıPSPs P¶PsPrPSPëC... C¿CİPeP»P°PrPSPıPSCĤ. P>C-PeC¿PIP°PSPSCİ PİCĤPıPİP°CĤP°C,PsPj PjPsP¶PSP° CĤPsP·PİPsC‡P°C,Pë PrPs PsC,CĤPëPjP°PSPSCİ CĤPıP·C¿P»CHC,P°C,C-PI PrPsCİP»C-PrP¶PıPSPSCİ C‡C¿C,P»PëPIPsCİC,C- PjC-PeCĤPsPsCĤPİP°PSC-P·PjC-PI.

P PıPePsPjPıPSPPrPsPIP°PSP° PrPsP·P° PİCĤPë PSPıC¿CİPeP»P°PrPSPıPSPsPjC¿ PiPsPSPsPePsPePsPIPsPjC¿ C¿CĤPıC,CĤPëC,C- CİC,P°PSPsPIPëC,CH 500 PjPi PsPrPSPsCĤP°P·PsPIPs (PIPSC¿C,CĤC-C€PSCĤPsPjBĤ™ CİP·PsPIPs).

P'PSC¿C,CĤC-C€PSCĤPsPjBĤ™ CİP·PsPIPı PİPİPıPrPıPSPSCİ P·PrC-PNëCİPSCĤC”C,CHCİCİ PİP»PëP±PsPePs C¿ PİPıP»PëPePëPNë CİC-PrPSPëC‡PSPëPNë PjBĤ™ CİP· P°P±Ps C¿ PİPıCĤPıPrPSCĤ PİPsPIPıCĤC...PSCĤ CİC,PıPiPSP°.

PıPsPjP±C-PSPsPIP°PSP° C,PıCĤP°PİC-Cİ.

PëPëCĤPsPePëPNë CİPİPıPeC,CĤ PrC-C— PİCĤPıPİP°CĤP°C,C¿ P“PıPİP°C‡PıC„^{B®} PrP°C” P·PjPsPiC¿ P·PrC-PNëCİPSCĤPIP°C,Pë PjPsPSPsC,PıCĤP°PİC-CĤ P±C-P»CHC€PsCİC,C- C-PSC„PıPeC‡C-PNë. PhPrPSP°Pe PİCĤPıPİP°CĤP°C, PjPsP¶PSP° P·P°CİC,PsCİC¿PIC¿PIP°C,Pë C- PI CİPeP»P°PrC- PePsPjP±C-PSPsPIP°PSPsPiPs P»C-PeC¿PIP°PSPSCİ P·C-PSC€PëPjPë P°PSC,PëP±C-PsC,PëPeP°PjPë, CİPeC‰Ps C,P°PePı PİPsPeP°P·P°PSPs. PıCĤPë PsPrPSPsC‡P°CİPSPsPjC¿ P»C-PeC¿PIP°PSPSC- P°PjC-PSPsPiP»C-PePsP·PëPrP°PjPë CĤPıPePsPjPıPSPPrC¿C,CHCİCİ PePsPSC,CĤPsP»CĤPIP°C,Pë C„C¿PSPeC‡C-CĤ PSPëCĤPsPe. PŸP»C-Pr PICĤP°C...PsPIC¿PIP°C,Pë PsC„C-C‡C-PNëPSC- CĤPıPePsPjPıPSPPrP°C‡C-C— C‰PsPrPs P·P°CİC,PsCİC¿PIP°PSPSCİ P°PSC,PëP±C-PsC,PëPeC-PI.

PıP°C‡C-C”PSC,Pë C-P· PİPsCĤC¿C€PıPSPSCİPjPë C„C¿PSPeC‡C-C— PİPıC‡C-PSPePë.

PıPsCĤPëPİC¿PIP°PSPSCİ PrPsP·Pë PjPsP¶Pı P±C¿C,Pë PSPıPsP±C...C-PrPSPëPj C¿ CĤP°P·C- PsP±CİC,CĤC¿PeC‡C-C— P¶PsPIC‡PSPëC... PİCĤPsC,PsPe, C,CİP¶PePëC... P·P°C...PIPSCĤCĤPIP°PSCĤ PİPıC‡C-PSPePë P°P±Ps CİC¿PİC¿C,PSCHPsPiPs C¿CĤP°P¶PıPSPSCİ PSPëCĤPsPe. PİPeC‰Ps PePsPSC‡PıPSC,CĤP°C‡C-CĤ PİCĤPıPİP°CĤP°C,C¿ C¿ CİPëCĤPsPIP°C,C‡C- PeCĤPsPIC- PSPı PePsPSC,CĤPsP»CĤCĤC,CH, PrPsP·P° PSPı PİPsPIPëPSPSP° PİPıCĤPıPİPëC‰C¿PIP°C,Pë 2 Pi PSP° PrPsP±C¿.

PıP°C‡C-C”PSC,Pë C-P· PİPsCĤC¿C€PıPSPSCİPjPë C„C¿PSPeC‡C-C— PSPëCĤPsPe.

PhCΓPεC-P»CHPePë PSPëCḡPePë PSPμ C” PiPsP»PsPIPSPëPj CεP»CΠC...PsPj
PIPëPIPμPrPμPSPSCΠ PiCḡPμPiP°CḡP°C,Cr P”PμPiP°C†PμC,,^{B®}, C...PIPsCḡPëPj P·
CḡCḡP°P¶PμPSPSCΠPj PSPëCḡPsPe P·PIPëC†P°PNεPSCḡ PrPsP±PsPICḡ PrPsP·Cr (2Bḡ“4 Pi)
PjPsP¶PSP° PiCḡPëP·PSP°C†P°C,Pë P±PμP· PePsCḡPëPiCḡPIP°PSPSCΠ. P”P»CΠ
PiP°C†C-C”PSC,C-PI, Cr CΠPePëC... CεPIPëPrPeC-CḡC,CH PeP»CrP±PsC†PePsIPsC—
C,,C-P»CHC,CḡP°C†C-C— PSPëP¶C†P° P·P° 18 PjP»/C...PI P°P±Ps CḡPëCḡPsPIP°C,PePsPIPëPNε
CḡC-PIPμPSCḡ PeCḡPμP°C,PëPSC-PSCḡ PiPμCḡPμPIPëC%CrC” 3,5 PjPi/100 PjP»,
PjP°PeCḡPëPjP°P»CHPSP° PrPsP±PsPIP° PrPsP·P° CḡC,P°PSPsPIPëC,CH 4 Pi.

PμPμCḡC-PsPr PSP°PiC-PIPIPëPIPμPrPμPSPSCΠ PiCḡPμPiP°CḡP°C,Cr P”PμPiP°C†PμC,,^{B®}
C-P· CḡPëCḡPsPIP°C,PePë PeCḡPsPIC- PrPμC%Ps P·PSPëP¶CḡC”C,CHCḡCΠ PiC-Pr C†P°Cḡ
PiPμPjPsPrC-P°P»C-P·Cr. P’PIPμPrPμPSPSCΠ PiCḡPμPiP°CḡP°C,Cr CḡP»C-Pr
P·PrC-PNεCḡPSCḡPIP°C,Pë PiC-CḡP»CΠ P·P°PeC-PSC†PμPSPSCΠ PiCḡPsC†PμPrCḡCḡPë
PrC-P°P»C-P·Cr.

PμP°C†C-C”PSC,Pë C-P· PiPsCḡC¿CεPμPSPSCΠPjPë C,,C¿PSPeC†C-C— PiPμC†C-PSPePë C-
CḡC¿PiC¿C,PSC-Pj C¿CḡP°P¶PμPSPSCΠPj C,,C¿PSPeC†C-C— PSPëCḡPsPe.

Pj PiP°C†C-C”PSC,C-PI C - P· PiPsCḡCrCεPμPSPSCΠPjPë C,,CḡPSPeC†C-C—
PiPμC†C-PSPePë C,P° CḡCḡPiCḡC,PSC-Pj CḡCḡP°P¶PμPSPSCΠPj PSPëCḡPsPe
PSPμPsP±C...C-PrPSPs PePsPSC,CḡPsP»CḡPIP°C,Pë PePsPSC†PμPSC,CḡP°C†C-Cḡ
PiCḡPμPiP°CḡP°C,Cr Cr CḡPëCḡPsPIP°C,C†C- PeCḡPsPIC- C,P° PePsCḡPëPiCḡPIP°C,Pë
PrPsP·Cr PI CḡP°P·C- PSPμPsP±C...C-PrPSPsCḡC,C-. PiPeC%Ps
PePsPSC†PμPSC,CḡP°C†C-Cḡ PiCḡPμPiP°CḡP°C,Cr PI CḡPëCḡPsPIP°C,C†C- PeCḡPsPIC-
PSPμ PePsPSC,CḡPsP»CḡCḡC,CH, PrPsP·P° PSPμ PiPsPIPëPSPSP°
PiPμCḡPμPIPëC%CrPIP°C,Pë 2 Pi PSP° PrPsP±Cr.

P”C-C,Pë.

P”P»CΠ P»C-PeCḡPIP°PSPSCΠ PrC-C,PμPNε P”PμPiP°C†PμC,,^{B®} CḡP»C-Pr
PiCḡPëP·PSP°C†P°C,Pë Cr PrPsP±PsPIPëC... PrPsP·P°C... PIC-Pr 50 PrPs 200 PjPi PSP° 1 PePi
PjP°CḡPë C,C-P»P°; PrPsP·Cr P·P°CḡC,PsCḡPsPICḡCḡC,CH P·P° 2 PIPiPμPrPμPSPSCΠ
(PePsP¶PSC- 8Bḡ“12 PiPsPrPëPS). PhP°PeCḡPëPjP°P»CHPSP° PrPsP·P° PSPμ PiPsPIPëPSPSP°
PiPμCḡPμPIPëC%CrPIP°C,Pë 12 Pi PSP° PrPsP±Cr (PrPëPI. CḡPsP·PrC-P»
B«PhCḡPsP±P»PëPIPsCḡC,C- P·P°CḡC,PsCḡCḡPIP°PSPSCΠB»).

P”PsP±PsPIC- PrPsP·Pë PrPs 300 PjPi/PePi P·P°CḡC,PsCḡPsPICḡPIP°P»Pë PrP»CΠ
P»C-PeCḡPIP°PSPSCΠ PrC-C,PμPNε P· C,CΠP¶PePëPjPë C-PSC,,PμPeC†C-CΠPjPë,
PIPeP»CḡC†P°CḡC†Pë PeC-P»CHPePsC... PiP°C†C-C”PSC,C-PI C-P·
P±P°PeC,PμCḡC-P°P»CHPSPëPj PjPμPSC-PSPiC-C,PsPj, C%Ps PSPμ CḡPiCḡPëC†PëPSCΠP»Ps
CḡCḡPeP»P°PrPSPμPSCḡ.

PkPsPIPsPSP°CḡPsPrP¶PμPSC-.

PkPsPIPsPSP°CḡPsPrP¶PμPSPëPj (PrPs 8 PrPSC-PI) PiCḡPμPiP°CḡP°C, CḡP»C-Pr
PIIPsPrPëC,Pë C†PμCḡPμP· PePsP¶PSC- 12 PiPsPrPëPS.

P’PSC¿C,CḡC-CεPSCḡPsPIPμPSPSPμ P·P°CḡC,PsCḡC¿PIP°PSPSCΠ PrC-C,CΠPj C,P°
PrPsCḡPsCḡP»PëPj.

P"»CŁ PİPµCĤPµCĤPëPIC†P°CŦC,PsC— PIPSCŦC,CĤC-C€PSCĤPsPIPµPSPSPSc—
 C-PSC,,CŦP·C-C— 1 Pi PİCĤPµPİP°CĤP°C,CŦ P"PµPİP°C†PµC,,^{B®} (PIPjC-CŦC, 1
 C,,P»P°PePsPSP°) CŦP»C-Pr CĤPsP·C†PëPSPëC,Pë CŦ 20bĤ"100 PjP» CŦCŦPjC-CŦPSPsPiPs
 CŦC,PµCĤPëP»CHPSPsPiPs CĤPsP·C†PëPSCŦ PrP»CŁ PIPSCŦC,CĤC-C€PSCĤPsPIPµPSPSPëC...
 C-PSbĤ™C"PeC†C-PNë C- PIIPsPrPëC,Pë PİCĤPsC,CŁPiPsPj 15 C...PIPëP»PëPS bĤ" 1
 PiPsPrPëPSPë. PİPeC%Ps CĤPsP·C†PëPSPSPëPePsPj C" CŦC,PµCĤPëP»CHPSP° PIPsPrP°, C,Ps CŦ
 C,,P»P°PePsPS C-P· PİCĤPµPİP°CĤP°C,PsPj CŦP»C-Pr PrPsPrP°C,Pë C—C— PSPµ P±C-P»CHC€Pµ
 PSC-P¶ 20 PjP».

P"»CŁ P±PµP·PİPµCĤPµCĤPIPSPSc— PIPSCŦC,CĤC-C€PSCĤPsPIPµPSPSPSc—
 C-PSC,,CŦP·C-C— 1 Pi PİCĤPµPİP°CĤP°C,CŦ P"PµPİP°C†PµC,,^{B®} PIC-PrPSPsPIP»CĤCĤC,CH
 P°P±Ps CŦ 5 PjP» CŦC,PµCĤPëP»CHPSPSc— PIPsPrPë PrP»CŁ C-PSbĤ™C"PeC†C-PNë, P°P±Ps CŦ
 5 PjP» P±P°PeC,PµCĤC-PsCŦC,P°C,PëC†PSPSc— PIPsPrPë PrP»CŁ C-PSbĤ™C"PeC†C-PNë;
 C†PµPNë CĤPsP·C†PëPS PrPsPrP°CĤC,CH PrPs PIC-PrPİPsPIC-PrPSPsPiPs
 CĤPsP·C†PëPSPSPëPeP° PrP»CŁ PIPSCŦC,CĤC-C€PSCĤPsPIPµPSPSPsPiPs PIIPµPrPµPSPSCŁ.

P"»CŁ P±PµP·PİPsCŦPµCĤPµPrPSCĤPsC— PIPSCŦC,CĤC-C€PSCĤPsPIPµPSPSPSc—
 C-PSbĤ™C"PeC†C-C— PjP°PeCŦPëPjP°P»CHPSP° CĤP°P·PsPIP° PrPsP·P° PİCĤPµPİP°CĤP°C,CŦ
 P"PµPİP°C†PµC,,^{B®} PrP»CŁ PrPsCĤPsCŦP»PëC... PİP°C†C-C"PSC,C-PI CŦC,P°PSPsPIPëC,CH 2 Pi,
 PrP»CŁ PrC-C,PµPNë bĤ" 50 PjPi/PePi PjP°CŦPë C,C-P»P°. PµCĤPµPİP°CĤP°C, CŦP»C-Pr
 CĤPsP·C†PëPSPëC,Pë CŦ PIC-PrPİPsPIC-PrPSPsPjCŦ CĤPsP·C†PëPSPSPëPeCŦ PrP»CŁ
 PrPsCŦCŁPiPSPµPSPSCŁ PeC-PSC†PµPIPSc— PePsPSC†PµPSC,CĤP°C†C-C— 100 PjPi/PjP» C-
 PIIPsPrPëC,Pë PİCĤPsC,CŁPiPsPj PSPµ PjPµPSC€Pµ 3bĤ"5 C...PIPëP»PëPS.

P"»CŁ P°PSC,PëP±P°PeC,PµCĤC-P°P»CHPSPSc— PİCĤPsC,,C-P»P°PeC,PëPePë
 PİC-CŦP»CŁPsPİPµCĤP°C†C-PNëPSPëC... CŦCŦPeP»P°PrPSPµPSCĤ PİCĤPëP·PSP°C†P°CĤC,CH
 PİPs 1 Pi P°P±Ps 2 Pi PİCĤPµPİP°CĤP°C,CŦ PIPSCŦC,CĤC-C€PSCĤPsPIPµPSPSPs P·P° 30bĤ"90
 C...PIPëP»PëPS PrPs PİPsC†P°C,PeCŦ PsPİPµCĤP°C†C-C—. P"PsP·CŦ PjPsP¶PSP°
 PİPsPIC,PsCĤCĤPIP°C,Pë C†PµCĤPµP· PePsP¶PSC- 12 PiPsPrPëPS, PsPrPSP°Pe CŦ
 P±C-P»CHC€PsCŦC,C- PIPëPİP°PrPeC-PI bĤ" PİCĤPsC,CŁPiPsPj PSPµ P±C-P»CHC€Pµ
 24 PiPsPrPëPS. PµCĤPë PsPİPµCĤP°C†C-CŁC... P· PİC-PrPIPëC%PµPSPëPj CĤPëP·PëPePsPj
 C-PSC,,C-PeCŦPIP°PSPSCŁ (PSP°PİCĤPëPeP»P°Pr, PsPİPµCĤP°C†C-C— CŦ
 PePsP»PsCĤPµPeC,P°P»CHPSC-PNë P·PsPSC-) C,P° PePsP»Pë C-PSC,,C-PeCŦPIP°PSPSCŁ
 PjPsP¶Pµ CŦCŦPİCĤPsPiPsPrP¶CŦPIP°C,PëCŦCŁ C,CŁP¶PePëPjPë
 CŦCŦPeP»P°PrPSPµPSPSCŁPjPë (PSP°PİCĤPëPeP»P°Pr, PİCĤPë PsPİPµCĤP°C†C-CŁC... PSP°
 PIC-PrPeCĤPëC,PsPjCŦ CŦPµCĤC†C- P°P±Ps PİCĤPsC,PµP·CŦPIP°PSPSC- CŦCŦPiP»PsP±C-PI),
 PİCĤPsC,,C-P»P°PeC,PëC†PSPµ P·P°CŦC,PsCŦCŦPIP°PSPSCŁ PİCĤPµPİP°CĤP°C,CŦ PjPsP¶Pµ
 C,CĤPëPIP°C,Pë PİCĤPsC,CŁPiPsPj 72 PiPsPrPëPS PİC-CŦP»CŁ P·P°PeC-PSC†PµPSPSCŁ
 PsPİPµCĤP°C†C-C—.

P'PSCŦC,CĤC-C€PSCĤPsPIPµPSPSPµ PIIPµPrPµPSPSCŁ.

PŸC,PµCĤPëP»CHPSPëPNë PİPsCĤPsC€PsPe P"PµPİP°C†PµC,,^{B®} PjPsP¶PSP° CŦPİPsC†P°C,PeCŦ
 CĤPsP·C†PëPSPëC,Pë P·P° PrPsPİPsPjPsPiPsCĤ P±CŦPrCH-CŁPePsPiPs CŦCŦPjC-CŦPSPsPiPs
 CĤPsP·C†PëPSPSPëPeP° (C%PsPSP°PNëPjPµPSC€Pµ 2,8 PjP»/Pi C†PµC,,PsPİPµCĤP°P·PsPSCŦ),
 PİCĤPëPNëPSCŁC,PSPsPiPs PrP»CŁ PIPSCŦC,CĤC-C€PSCĤPsPIPµPSPSPsPiPs
 PIIPµPrPµPSPSCŁ. P— PjPµC,PsCĤ PİPsP»PµPiC€PµPSPSCŁ PIC-PrPSPsPIP»PµPSPSCŁ
 CĤPµPePsPjPµPSPPrCŦC"CHCŦCŁ P·P°CŦC,PsCŦPsPICŦPIP°C,Pë 5 PjP» CĤPsP·C†PëPSPSPëPeP°
 PSP° 1 Pi PİCĤPµPİP°CĤP°C,CŦ P"PµPİP°C†PµC,,^{B®}.

$P\text{PsP}\cdot C\ddot{P}\ddot{P}SP\ddot{P}\ddot{e}$, $C\ddot{H}P_{\mu}PePsPjP_{\mu}PSPPrPsPIP^{\circ}PSC-$ $PrP\gg C\ddot{I}I\text{PIC}-PrPSPsPIP\gg P_{\mu}PSPSC\ddot{I}I$
 $PiPsC\ddot{H}PsC\ddot{E}PeC\acute{z}\text{C}\ddot{I}P_{\mu}C_{\mu}$, $PsPiP_{\mu}C\ddot{H}P^{\circ}P\cdot PsPSC\acute{z}\text{PSP}^{\circ}C, C\ddot{H}C-C\ddot{H}$: 5 % $PiP\gg C\ddot{H}PePsP\cdot P^{\circ}$ $PrP\gg C\ddot{I}I$
 $C-PSB\ddot{H}^{\text{TM}}C^{\text{TM}}PeC\ddot{I}C-PN_{\ddot{e}}$; 10 % $PiP\gg C\ddot{H}PePsP\cdot P^{\circ}$ $PrP\gg C\ddot{I}I$ $C-PSB\ddot{H}^{\text{TM}}C^{\text{TM}}PeC\ddot{I}C-PN_{\ddot{e}}$; 5 %
 $PiP\gg C\ddot{H}PePsP\cdot P^{\circ}$ C, P° 0,9 % $PSP^{\circ}C, C\ddot{H}C-C\ddot{H}$ $C\ldots P\gg PsC\ddot{H}P\ddot{e}Pr$ $PrP\gg C\ddot{I}I$
 $C-PSB\ddot{H}^{\text{TM}}C^{\text{TM}}PeC\ddot{I}C-PN_{\ddot{e}}$; 0,9 % $PSP^{\circ}C, C\ddot{H}C-C\ddot{H}$ $C\ldots P\gg PsC\ddot{H}P\ddot{e}Pr$ $PrP\gg C\ddot{I}I$
 $C-PSB\ddot{H}^{\text{TM}}C^{\text{TM}}PeC\ddot{I}C-PN_{\ddot{e}}$; $P\acute{k}PsC\ddot{H}PjPsC\ddot{I}PsP\gg-M$ C, P° 5 % $PiP\gg C\ddot{H}PePsP\cdot P^{\circ}$ $PrP\gg C\ddot{I}I$
 $C-PSB\ddot{H}^{\text{TM}}C^{\text{TM}}PeC\ddot{I}C-PN_{\ddot{e}}$; 5 % $PiP\gg C\ddot{H}PePsP\cdot P^{\circ}$ C, P° 0,2 % $PSP^{\circ}C, C\ddot{H}C-C\ddot{H}$ $C\ldots P\gg PsC\ddot{H}P\ddot{e}Pr$
 $PrP\gg C\ddot{I}I$ $C-PSB\ddot{H}^{\text{TM}}C^{\text{TM}}PeC\ddot{I}C-PN_{\ddot{e}}$; $P\acute{k}PsC\ddot{H}PjPsC\ddot{I}PsP\gg-R$; $C\ddot{I}C, P_{\mu}C\ddot{H}P\ddot{e}P\gg CH\ddot{P}SP^{\circ}$ $PIPsPrP^{\circ}$
 $PrP\gg C\ddot{I}I$ $C-PSB\ddot{H}^{\text{TM}}C^{\text{TM}}PeC\ddot{I}C-PN_{\ddot{e}}$.

$P_{\mu}C-C\ddot{I}P\gg C\ddot{I}I\text{PIC}-PrPSPsPIP\gg P_{\mu}PSPSC\ddot{I}I$ $PsPrP_{\mu}C\ddot{H}P_{\mu}P^{\circ}PSP\ddot{e}PN_{\ddot{e}}$ $C\ddot{H}PsP\cdot C\ddot{I}P\ddot{e}PS$ $C\ddot{I}P\gg C-Pr$
 $C\ddot{H}PsP\cdot PIP_{\mu}C\ddot{I}C, P\ddot{e}$ $PsPrPSP\ddot{e}Pj$ $P\cdot C-$ $C\ddot{I}C, P^{\circ}PSPPrP^{\circ}C\ddot{H}C, PSP\ddot{e}C\ldots$ $C\ddot{H}PsP\cdot C\ddot{I}P\ddot{e}PSPSP\ddot{e}PeC-PI$
 $PrP\gg C\ddot{I}I$ $PIPSC\ddot{I}C, C\ddot{H}C-C\ddot{E}PSC\ddot{H}PsPIP_{\mu}PSPSPsPiPs$ $PIPIP_{\mu}PrP_{\mu}PSPSC\ddot{I}I$: 5 % $PiP\gg C\ddot{H}PePsP\cdot P^{\circ}$
 $PrP\gg C\ddot{I}I$ $C-PSB\ddot{H}^{\text{TM}}C^{\text{TM}}PeC\ddot{I}C-PN_{\ddot{e}}$; 10 % $PiP\gg C\ddot{H}PePsP\cdot P^{\circ}$ $PrP\gg C\ddot{I}I$ $C-PSB\ddot{H}^{\text{TM}}C^{\text{TM}}PeC\ddot{I}C-PN_{\ddot{e}}$; 5 %
 $PiP\gg C\ddot{H}PePsP\cdot P^{\circ}$ C, P° $C\ddot{H}PsP\cdot C\ddot{I}P\ddot{e}PS$ P $C-PSPiP_{\mu}C\ddot{H}P^{\circ}$ $P\gg P^{\circ}PeC, P^{\circ}C, PSP\ddot{e}PN_{\ddot{e}}$ $PrP\gg C\ddot{I}I$
 $C-PSB\ddot{H}^{\text{TM}}C^{\text{TM}}PeC\ddot{I}C-PN_{\ddot{e}}$; $C\ddot{H}PsP\cdot C\ddot{I}P\ddot{e}PS$ P $C-PSPiP_{\mu}C\ddot{H}P^{\circ}$ $P\gg P^{\circ}PeC, P^{\circ}C, PSP\ddot{e}PN_{\ddot{e}}$ $PrP\gg C\ddot{I}I$
 $C-PSB\ddot{H}^{\text{TM}}C^{\text{TM}}PeC\ddot{I}C-PN_{\ddot{e}}$; 0,9 % $PSP^{\circ}C, C\ddot{H}C-C\ddot{H}$ $C\ldots P\gg PsC\ddot{H}P\ddot{e}Pr$ $PrP\gg C\ddot{I}I$ $C-PSB\ddot{H}^{\text{TM}}C^{\text{TM}}PeC\ddot{I}C-PN_{\ddot{e}}$; 5 %
 $PiP\gg C\ddot{H}PePsP\cdot P^{\circ}$ C, P° 0,9 % $PSP^{\circ}C, C\ddot{H}C-C\ddot{H}$ $C\ldots P\gg PsC\ddot{H}P\ddot{e}Pr$; $P\acute{k}PsC\ddot{H}PjPsC\ddot{I}PsP\gg-M$ C, P° 5 %
 $PiP\gg C\ddot{H}PePsP\cdot P^{\circ}$ $PrP\gg C\ddot{I}I$ $C-PSB\ddot{H}^{\text{TM}}C^{\text{TM}}PeC\ddot{I}C-PN_{\ddot{e}}$; $P\acute{k}PsC\ddot{H}PjPsC\ddot{I}PsP\gg-R$; 5 % $PiP\gg C\ddot{H}PePsP\cdot P^{\circ}$ C, P°
0,2 % $PSP^{\circ}C, C\ddot{H}C-C\ddot{H}$ $C\ldots P\gg PsC\ddot{H}P\ddot{e}Pr$ $PrP\gg C\ddot{I}I$ $C-PSB\ddot{H}^{\text{TM}}C^{\text{TM}}PeC\ddot{I}C-PN_{\ddot{e}}$.

$P^{\circ}PSC\acute{z}C, C\ddot{H}C-C\ddot{E}PSC\ddot{H}PsPj\ddot{e}H^{\text{TM}}C\ddot{I}I\cdot PsPIP_{\mu}$ $PIPIP_{\mu}PrP_{\mu}PSPSC\ddot{I}I$

$P^{\circ}P\gg C\ddot{I}I$ $PiC\ddot{H}P\ddot{e}PiPsC, C\ddot{I}PIP^{\circ}PSPSC\ddot{I}I$ $C\ddot{H}PsP\cdot C\ddot{I}P\ddot{e}PSC\ddot{I}$, $PiC\ddot{H}P\ddot{e}P\cdot PSP^{\circ}C\ddot{I}P_{\mu}PSPsPiPs$ $PrP\gg C\ddot{I}I$
 $PIPSC\ddot{I}C, C\ddot{H}C-C\ddot{E}PSC\ddot{H}PsPj\ddot{e}H^{\text{TM}}C\ddot{I}I\cdot PsPIP_{\mu}PiPs$ $PIPIP_{\mu}PrP_{\mu}PSPSC\ddot{I}I$, $PjPsP_{\mu}PSP^{\circ}$
 $PIP\ddot{e}PePsC\ddot{H}P\ddot{e}C\ddot{I}C, PsPIC\ddot{I}PIP^{\circ}C, P\ddot{e}$ $C\ddot{I}C, P_{\mu}C\ddot{H}P\ddot{e}P\gg CH\ddot{P}SC\ddot{I}$ $P^{\circ}P\pm Ps$
 $P\pm P^{\circ}PeC, P_{\mu}C\ddot{H}C-PsC\ddot{I}C, P^{\circ}C, P\ddot{e}C\ddot{I}PSC\ddot{I}$ $PIPsPrC\ddot{I}$ $PrP\gg C\ddot{I}I$ $C-PSB\ddot{H}^{\text{TM}}C^{\text{TM}}PeC\ddot{I}C-PN_{\ddot{e}}$. $P\ddot{I}PeC\%Ps$
 $PiP_{\mu}C\ddot{H}P_{\mu}PrP\pm P^{\circ}C\ddot{I}P^{\circ}C, CH\ddot{C}\ddot{I}C\ddot{I}I$ $PIPIP_{\mu}PrP_{\mu}PSPSC\ddot{I}I$ $C\ddot{H}PsP\cdot C\ddot{I}P\ddot{e}PSC\ddot{I}$ $P\cdot$
 $PePsPSC\ddot{I}P_{\mu}PSC, C\ddot{H}P^{\circ}C\ddot{I}C-C^{\text{TM}}C\ddot{H}$ 250 $PjPi/PjP\gg$ $P^{\circ}P\pm Ps$ $PIP\ddot{e}C\%P_{\mu}$, $PrP\gg C\ddot{I}I$
 $PiC\ddot{H}P\ddot{e}PiPsC, C\ddot{I}PIP^{\circ}PSPSC\ddot{I}I$ $C\ddot{H}PsP\cdot C\ddot{I}P\ddot{e}PSC\ddot{I}$ $C\ddot{H}P_{\mu}PePsPjP_{\mu}PSPPrC\ddot{I}C^{\text{TM}}C, CH\ddot{C}\ddot{I}C\ddot{I}I$
 $PIP\ddot{e}PePsC\ddot{H}P\ddot{e}C\ddot{I}C, P^{\circ}C, P\ddot{e}$ $C\ddot{H}PsP\cdot C\ddot{I}P\ddot{e}PS$ $P\gg C-PrPsPeP^{\circ}C-PSC\ddot{I}$. $P\ddot{y}P^{\circ}PeP\ddot{e}PN_{\ddot{e}}$ $C\ddot{H}PsP\cdot C\ddot{I}P\ddot{e}PS$
 $PjPsP_{\mu}PSP^{\circ}$ $PiC\ddot{H}P\ddot{e}PiPsC, C\ddot{I}PIP^{\circ}C, P\ddot{e}$, $PIP\ddot{e}PePsC\ddot{H}P\ddot{e}C\ddot{I}C, PsPIC\ddot{I}C\ddot{H}C\ddot{I}P\ddot{e}$ $PePsPjP\pm C-PSP^{\circ}C\ddot{I}C-C\ddot{H}$
 $C\ddot{I}C, P_{\mu}C\ddot{H}P\ddot{e}P\gg CH\ddot{P}SPsC-$ $PIPsPrP\ddot{e}$ $PrP\gg C\ddot{I}I$ $C-PSB\ddot{H}^{\text{TM}}C^{\text{TM}}PeC\ddot{I}C-PN_{\ddot{e}}$ C, P° 2 % $C\ddot{H}PsP\cdot C\ddot{I}P\ddot{e}PSC\ddot{I}$
 $P\gg C-PrPsPeP^{\circ}C-PSC\ddot{I}$ $PiC-PrC\ddot{H}PsC\ldots P\gg PsC\ddot{H}P\ddot{e}PrC\ddot{I}$, $C\%Ps$ $PjP^{\circ}PN_{\ddot{e}}P_{\mu}$ $PIC-PrPiPsPIC-PrP^{\circ}C^{\text{TM}}$
 $PePsPSC\ddot{I}P_{\mu}PSC, C\ddot{H}P^{\circ}C\ddot{I}C-C-$ 0,5 % $C\ddot{H}PsP\cdot C\ddot{I}P\ddot{e}PSC\ddot{I}$ $P\gg C-PrPsPeP^{\circ}C-PSC\ddot{I}$
 $PiC-PrC\ddot{H}PsC\ldots P\gg PsC\ddot{H}P\ddot{e}PrC\ddot{I}$.

P $P_{\mu}PePsPjP_{\mu}PSPPrC\ddot{I}C^{\text{TM}}C, CH\ddot{C}\ddot{I}C\ddot{I}I$ 2- $P_{\mu}C, P^{\circ}PiPSP\ddot{e}PN_{\ddot{e}}$ $C\ddot{I}PiPsC\ddot{I}C-P\pm$
 $C\ddot{H}PsP\cdot C\ddot{I}P\ddot{e}PSP_{\mu}PSPSC\ddot{I}I$: $C\ddot{I}PiPsC\ddot{I}P^{\circ}C, PeC\ddot{I}$ $C\ddot{I}P\gg C-Pr$ $PrPsPrP^{\circ}C, P\ddot{e}$ $PSP_{\mu}PsP\pm C\ldots C-PrPSC\ddot{I}$
 $PeC-P\gg CH\ddot{P}eC-C\ddot{I}C, CH\ddot{C}\ddot{I}C, P_{\mu}C\ddot{H}P\ddot{e}P\gg CH\ddot{P}SPsC-$ $PIPsPrP\ddot{e}$ $PrP\gg C\ddot{I}I$ $C-PSB\ddot{H}^{\text{TM}}C^{\text{TM}}PeC\ddot{I}C-PN_{\ddot{e}}$ $C-$
 $P\cdot P\pm PsPIC, C\ddot{I}PIP^{\circ}C, P\ddot{e}$ $PrPs$ $PiPsPIPSPsPiPs$ $C\ddot{H}PsP\cdot C\ddot{I}P\ddot{e}PSP_{\mu}PSPSC\ddot{I}I$ $PiPsC\ddot{H}PsC\ddot{E}PeC\ddot{I}$
 $P^{\text{B}\otimes}$ $P_{\mu}PiP^{\circ}C\ddot{I}P_{\mu}C_{\mu}$, $PiC-C\ddot{I}P\gg C\ddot{I}I$ $C\ddot{I}CH\ddot{P}PiPs$ $PrPsPrP^{\circ}C, P\ddot{e}$ $PSP_{\mu}PsP\pm C\ldots C-PrPSC\ddot{I}$
 $PeC-P\gg CH\ddot{P}eC-C\ddot{I}C, CH\ddot{C}\ddot{I}C$ 2 % $C\ddot{H}PsP\cdot C\ddot{I}P\ddot{e}PSC\ddot{I}$ $P\gg C-PrPsPeP^{\circ}C-PSC\ddot{I}$ C, P° $P\cdot PjC-C\ddot{E}P^{\circ}C, P\ddot{e}$.

$P\ddot{y}P^{\circ}P\pm P\gg P\ddot{e}C\ddot{I}C\ddot{I}I$ 2

$P\ddot{H}C-PSC\ddot{I}P_{\mu}PIP^{\circ}$		II $P_{\mu}C, P^{\circ}Pi$, $PsP\pm B\ddot{H}^{\text{TM}}C^{\text{TM}}Pj$ $PsP\pm B\ddot{H}^{\text{TM}}C^{\text{TM}}Pj$ 2 % $P\gg C-PrPsPeP^{\circ}C-PSC\ddot{I}$, $PjP\gg$		$P\ddot{H}P\pm B\ddot{H}^{\text{TM}}C^{\text{TM}}Pj$, $C\%Ps$ $PIP\ddot{e}C, C\ddot{I}PiP^{\circ}C^{\text{TM}}, CH\ddot{C}\ddot{I}C\ddot{I}I^*$, $PjP\gg$
$P\ddot{H}C-PSC\ddot{I}P_{\mu}PIP^{\circ}$	$PePsPSC\ddot{I}P_{\mu}PSC, C\ddot{H}P^{\circ}C\ddot{I}C-C\ddot{I}I$	I $P_{\mu}C, P^{\circ}Pi$, $PsP\pm B\ddot{H}^{\text{TM}}C^{\text{TM}}Pj$ $C\ddot{I}C, P_{\mu}C\ddot{H}P\ddot{e}P\gg CH\ddot{P}SPsC-$ $PIPsPrP\ddot{e}$, $PjP\gg$		
$C\ddot{I}P_{\mu}C_{\mu}, PsPiP_{\mu}C\ddot{H}P^{\circ}P\cdot PsPSC\ddot{I}$, $PjPi/PjP\gg$				
$P\ddot{H}P\gg P^{\circ}PePsPS250$	2,6	0,9	4	
1 Pi 333	1,8	0,6	3	

* PќP°CЉIPSPёPNё PSP°PrP»PёCёPsPe PrPsP·PIPsP»CЉC” PIC-PrC-P±CђP°C,Pё C,P°
PIPIPµCЉC,Pё P·P°P·PSP°C†PµPSC- PsP±Bђ™C”PjPё.

P’PSCrC,CђC-CёPSCђPsPjBђ™CЉP·PsPIPµ PIPIPµPrPµPSPSCЉ
P·PrC-PNёCЉPSCђC”C,CHCЉCЉ PiP»PёP±PsPePs Cr PIIPµP»PёPePёPNё CЉC-PrPSPёC†PSPёPNё
PjBђ™CЉP· P°P±Ps Cr PiPµCђPµPrPSCђ PiPsPIPµCђC...PSCђ CЉC,PµPiPSP°.

P—P±PµCђC-PiP°PSPSCЉ CђPsP·C†PёPSC-PI

PŸC,P°P±C-P»CHBPSC-CЉC,CH

PI’C-PjC-C†PSP° C,P° C,,C-P·PёC†PSP° CЉC,P°P±C-P»CHBPSC-CЉC,CH CђPsP·C†PёPSC-PI
C†PµC,,PsPiPµCђP°P·PsPSCr, PiCђPёPiPsC,PsPIP»PµPSPёC... C - P·
PIPёPePsCђPёCЉC,P°PSPSCЉPj PSP°PIPµPrPµPSPёC... PSPёP¶C†Pµ
PiP°CђPµPSC,PµCђP°P»CHBPSPёC... CђPsP·C†PёPSPSPёPeC-PI C - P· P·P°P·PSP°C†PµPSPёPjPё
PiCђPёP±P»PёP·PSPёPjPё PePsPSC†PµPSC,CђP°C†C-CЉPjPё C†PµC,,PsPiPµCђP°P·PsPSCr,
P·P°P±PµP·PiPµC†CrC” CЉC,C-PNёPeC-CЉC,CH CђPsP·C†PёPSCr P·P° CrPjPsPIPё
PrPsC,CђPёPjP°PSPSCЉ PIPeP°P·P°PSPёC... C,PµPjPiPµCђP°C,CrCђPSPёC... CђPµP¶PёPjC-PI
C,P° C,PµCђPjC-PSC-PI P·P±PµCђC-PiP°PSPSCЉ. PµC-CЉP»CЉ P·P°PeC-PSC†PµPSPSCЉ
PIPeP°P·P°PSPSiPs C,PµCђPjC-PSCr PSPµPIPёPePsCђPёCЉC,P°PSPёPNё CђPsP·C†PёPS
PiC-PrP»CЉPiP°C” P·PSPёC%PµPSPSCђ.

P—P° CЉC,P°P±C-P»CHBPSPSc— PeC-PjPSP°C,PSPSc— C,PµPjPiPµCђP°C,CrCђPё (15Bђ”25B° PŸ)
PiCђPsC,CЉPiPsPj 24 PiPsPrPёPS PjPsP¶PSP° P·P±PµCђC-PiP°C,Pё CђPsP·C†PёPSPё
C†PµC,,PsPiPµCђP°P·PsPSCr PI C,P°PePёC... CђPsP·C†PёPSPSPёPeP°C... (Cr PrCrP¶PeP°C...
PSP°PIPµPrPµPSC- PiCђPёP±P»PёP·PSC- PePsPSC†PµPSC,CђP°C†C-C—
C†PµC,,PsPiPµCђP°P·PsPSCr): P±P°PeC,PµCђC-PsCЉC,P°C,PёC†PSP° PIPsPrP° PrP»CЉ
C-PSBђ™C”PeC†C-PNё (300 PjPi/PjP»); 5 % PiP»CHPePsP·P° PrP»CЉ C-PSBђ™C”PeC†C-PNё (2 PjPi
PrPs 50 PjPi/PjP»); 5 % PiP»CHPePsP·P° PrP»CЉ C-PSBђ™C”PeC†C-PNё C,P° CђPsP·C†PёPS
P C-PSPiPµCђP° P»P°PeC,P°C,PSPёPNё PrP»CЉ C-PSBђ™C”PeC†C-PNё (2 PjPi PrPs 50 PjPi/PjP»);
5 % PiP»CHPePsP·P° C,P° 0,9 % PSP°C,CђC-CH C...P»PsCђPёPr PrP»CЉ C-PSBђ™C”PeC†C-PNё
(2 PjPi PrPs 50 PjPi/PjP»); 5 % PiP»CHPePsP·P° C,P° 0,2 % PSP°C,CђC-CH C...P»PsCђPёPr PrP»CЉ
C-PSBђ™C”PeC†C-PNё (2 PjPi PrPs 50 PjPi/PjP»); 10 % PiP»CHPePsP·P° PrP»CЉ
C-PSBђ™C”PeC†C-PNё (2 PjPi PrPs 50 PjPi/PjP»); CђPsP·C†PёPS P C-PSPiPµCђP°
P»P°PeC,P°C,PSPёPNё PrP»CЉ C-PSBђ™C”PeC†C-PNё (2 PjPi/PjP»); 0,5 % P»C-PrPsPeP°C—PSCr
PiC-PrCђPsC...P»PsCђPёPr PrP»CЉ C-PSBђ™C”PeC†C-PNё (300 PjPi/PjP»); 0,9 % PSP°C,CђC-CH
C...P»PsCђPёPr PrP»CЉ C-PSBђ™C”PeC†C-PNё (2 PjPi PrPs 300 PjPi/PjP»); PќPsCђPjPsCЉPsP»-M
C,P° 5 % PiP»CHPePsP·P° PrP»CЉ C-PSBђ™C”PeC†C-PNё (2 PjPi PrPs 50 PjPi/PjP»);
PќPsCђPjPsCЉPsP»-R (2 PjPi PrPs 50 PjPi/PjP»); CЉC,PµCђPёP»CHBPSP° PIPsPrP° PrP»CЉ
C-PSBђ™C”PeC†C-PNё (300 PjPi/PjP»). P’C-PrPSPsPIP»PµPSC- CђPsP·C†PёPSPё

PiCђPµPiP°CђP°C,Cr P”PµPiP°C†PµC,,^{B®} PjPsP¶PSP° P·P±PµCђC-PiP°C,Pё Cr
CЉPeP»CЉPSPёC... P°P±Ps PiP»P°CЉC,PjP°CЉPsPIPёC... CёPiCђPёC†P°C..., CЉPeP»CЉPSPёC...
P°P±Ps PiPSCrC†PePёC... PiP»P°CЉC,PjP°CЉPsPIPёC... C”PjPSPScЉC,CЉC..., C%Ps
PiCђPёP·PSP°C†PµPSC- PrP»CЉ PiP°CђPµPSC,PµCђP°P»CHBPSPёC... CђPsP·C†PёPSC-PI.

PµCђPsC,CЉPiPsPj 5 PrPSC-PI Cr C...PsP»PsPrPёP»CHBPSPёPeCr (2Bђ”8B° PŸ), Cr
PSP°CЉC,CrPiPSPёC... CђPsP·C†PёPSPSPёPeP°C... (Cr PrCrP¶PeP°C... PSP°PIPµPrPµPSC-
PiCђPёP±P»PёP·PSC- PePsPSC†PµPSC,CђP°C†C-C— C†PµC,,PsPiPµCђP°P·PsPSCr):
P±P°PeC,PµCђC-PsCЉC,P°C,PёC†PSP° PIPsPrP° PrP»CЉ C-PSBђ™C”PeC†C-PNё
(300 PjPi/PjP»); 5 % PiP»CHPePsP·P° PrP»CЉ C-PSBђ™C”PeC†C-PNё (2 PjPi PrPs
50 PjPi/PjP»); 5 % PiP»CHPePsP·P° C,P° 0,9 % PSP°C,CђC-CH C...P»PsCђPёPr PrP»CЉ

C-PSBTM C"PeC†C-PN₂ (2 PjPi PrPs 50 PjPi/PjP»); 5 % PiP»CHPePsP·P° C,P° 0,2 % PSP° C,CHC-CH C...P»PsCHPëPr PrP»CΠ C-PSBTM C"PeC†C-PN₂ (2 PjPi PrPs 50 PjPi/PjP»); CHPsP·C†PëPS P C-PSPiPμCHP° P»P°PeC,P° C, PSPëPN₂ PrP»CΠ C-PSBTM C"PeC†C-PN₂ (2 PjPi/PjP»); 0,5 % P»C-PrPsPeP° C—PSCr PiC-PrCHPsC...P»PsCHPëPr PrP»CΠ C-PSBTM C"PeC†C-PN₂ (300 PjPi/PjP»); 0,9 % PSP° C,CHC-CH C...P»PsCHPëPr PrP»CΠ C-PSBTM C"PeC†C-PN₂ (2 PjPi PrPs 300 PjPi/PjP»); PkPsCHPjPsCΓPsP»-M C,P° 5 % PiP»CHPePsP·P° PrP»CΠ C-PSBTM C"PeC†C-PN₂ (2 PjPi PrPs 50 PjPi/PjP»); PkPsCHPjPsCΓPsP»-R (2 PjPi PrPs 50 PjPi/PjP»); CΓC,PμCHPëP»CHBPSP° PIPsPrP° PrP»CΠ C-PSBTM C"PeC†C-PN₂ (300 PjPi/PjP») PjPsPΠPSP° P·P±PμCHC-PiP° C,Pë PIC-PrPSPsPIP»PμPSC- CHPsP·C†PëPSPë PiCHPμPiP°CHP° C,Cr P" PμPiP°C†PμC,,^{B®} Cr CΓPeP»CΠPSPëC... P°P±Ps PiP»P°CΓC,PjP°CΓPsPIPëC... CëPiCHPëC†P° C..., CΓPeP»CΠPSPëC... P°P±Ps PiPSCrC†PePëC... PiP»P°CΓC,PjP°CΓPsPIPëC... C" PjPePsCΓC,CΠC..., C%Ps PiCHPëP·PSP° C†PμPSC- PrP»CΠ PiP°CHPμPSC,PμCHP°P»CHBPSPëC... CHPsP·C†PëPSC-PI.

P PsP·C†PëPSPë C†PμC,,PsPiPμCHP°P·PsPSCr Cr PSPëPΠC†PμP·P°P·PSP° C†PμPSPëC... CHPsP·C†PëPSPSPëPeP° C... (Cr PrCrPΠPeP° C... PSP°PIPμPrPμPSC- PiCHPëP±P»PëP·PSC- PePsPSC†PμPSC,CHP°C†C-C— C†PμC,,PsPiPμCHP°P·PsPSCr) PjPsPΠPSP° P·P±PμCHC-PiP° C,Pë Cr PjPsCHPsP·PëP»CHBPSC-PN₂ PeP°PjPμCHC- (PIC-Pr -20 PrPs -10 °PŸ) PiCHPsC,CΠPiPsPj 3 C,PëPΠPSC-PI: 5 % PiP»CHPePsP·P° PrP»CΠ C-PSBTM C"PeC†C-PN₂ (50 PjPi/PjP»); 5 % PiP»CHPePsP·P° C,P° 0,9 % PSP° C,CHC-CH C...P»PsCHPëPr PrP»CΠ C-PSBTM C"PeC†C-PN₂ (2 PjPi/PjP»); 5 % PiP»CHPePsP·P° C,P° 0,2 % PSP° C,CHC-CH C...P»PsCHPëPr PrP»CΠ C-PSBTM C"PeC†C-PN₂ (2 PjPi/PjP»), P°P±Ps PiCHPsC,CΠPiPsPj 5 C,PëPΠPSC-PI: 0,9 % PSP° C,CHC-CH C...P»PsCHPëPr PrP»CΠ C-PSBTM C"PeC†C-PN₂ (300 PjPi/PjP»); CΓC,PμCHPëP»CHBPSP° PIPsPrP° PrP»CΠ C-PSBTM C"PeC†C-PN₂ (300 PjPi/PjP»). P'C-PrPSPsPIP»PμPSC- CHPsP·C†PëPSPë PjPsPΠPSP° P·P±PμCHC-PiP° C,Pë Cr PiP»P°CΓC,PjP°CΓPsPIPëC... CëPiCHPëC†P° C... P°P±Ps PiPSCrC†PePëC... PiP»P°CΓC,PjP°CΓPsPIPëC... C" PjPePsCΓC,CΠC..., C%Ps PiCHPëP·PSP° C†PμPSC- PrP»CΠ PiP°CHPμPSC,PμCHP°P»CHBPSPëC... CHPsP·C†PëPSC-PI.

P PsP·PjPsCHPsPΠCΓPIP° C,Pë PiCHPμPiP°CHP° C, PiPμCHPμPr P·P°CΓC,PsCΓCΓPIP°PSPSCΠPj PiPsC,CHC-P±PSPs PiCHPë PeC-PjPSP° C,PSC-PN₂ C,PμPjPiPμCHP° C,CrCHC-. PμC-CΓP»CΠ CHPsP·PjPsCHPsPΠCΓPIP°PSPSCΠ PSPμPIPëPePsCHPëCΓC,P°PSPëPN₂ CHPsP·C†PëPS PiC-PrP»CΠPiP° C" P·PSPëC%PμPSPSCH. P PsP·C†PëPS PSPμ PjPsPΠPSP° PiPsPIC,PsCHPsPs P·P°PjPsCHPsPΠCΓPIP° C,Pë.

P— PjC-PeCHPsP±C-PsP»PsPiC-C†PSPsC— C,PsC†PePë P·PsCHCr PiCHPμPiP°CHP° C, CΓP»C-Pr PIPëPePsCHPëCΓC,P° C,Pë PSPμPiP°PN₂PSPs. PiPeC%Ps PSPμ PIPëPePsCHPëCΓC,P° C,Pë PsPrCHP°P·Cr, C†P°CΓ P·P±PμCHC-PiP°PSPSCΠ C,P° PrPsC,CHPëPjP°PSPSCΠ CrPjPsPI PiPμCHPμPr P·P°CΓC,PsCΓCΓPIP°PSPSCΠPj PiCHPμPiP°CHP° C,Cr C" PIC-PrPiPsPIC-PrP°P»CHBPSC-CΓC,CH PePsCHPëCΓC,CrPIP°C†C-PI C- P·P°P·PIPëC†P°PN₂ PSPμ PjPsPΠPμ PiPμCHPμPIPëC%CrPIP° C,Pë 24 PiPsPrPëPSPë PiCHPë C,PμPjPiPμCHP° C,CrCHC- 2BŸ"8B°PŸ, CΠPeC%Ps C,C-P»CHPePë PIC-PrPSPsPIP»PμPSPSCΠ/CHPsP·PIPμPrPμPSPSCΠ PSPμ PIC-PrP±CΓP»PsCΓCΠ PI PePsPSC,CHPsP»CHPsPIP°PSPëC... C- PiPμCHPμPIC-CHPμPSPëC... P°CΓPμPiC,PëC†PSPëC... CrPjPsPIP° C....

P"C-C,Pë.

P"PëPI. CHPsP·PrC-P» B«PŸPiPsCΓC-P± P·P°CΓC,PsCΓCΓPIP°PSPSCΠ C,P° PrPsP·PëB».

PJ PSpSPsPSP°CḡPsPrP¶PμPSPëC... P· CḡPrPμCḡPSPsCḡ P¶PsPIC,CḡPSPëC†PμCḡ
C†PμC,,PsPİPμCḡP°P·PsPS PSpμ PIPëC,C-Ć†PSCḡC" P±C-P»C-CḡCḡP±C-PS C-P·
PrC-P»CḡPSPsPe PNḡPsPiPs P·PIBḡ™ CḡP·CḡPIP°PSPSCḡ P· P±C-P»PeP°PjPë PİP»P°P·PjPë
PeCḡPsPIC-.

$P - P \pm P_s P_e C \acute{e} C \acute{I} P \ddot{e} C \acute{I} C, P_{\mu} P_j P \ddot{e} P_e C \acute{I} P_s P I C - C, P^{\circ} P \gg C - P_j C, P^{\circ} C, P \ddot{e} C \neq P S P_s C - C \acute{I} P \ddot{e} C \acute{I} C, P_{\mu} P_j P \ddot{e}:$
 $P r C r P \P P_{\mu} C \neq P^{\circ} C \acute{I} C, P_s - P \cdot P S P \ddot{e} P \P P_{\mu} P S P S C \sqcup C \acute{I} C - P I P S C \sqcup P i P_{\mu} P_j P_s P i P \gg P_s P \pm C - P S C \acute{r},$
 $P \cdot P S P \ddot{e} P \P P_{\mu} P S P S C \sqcup C \acute{I} C - P I P S C \sqcup P i P_{\mu} P_j P^{\circ} C, P_s P_e C \acute{I} P \ddot{e} C, C \acute{r}; C \neq P^{\circ} C \acute{I} C, P_s -$
 $P S P_{\mu} P_{\neq} C, C \acute{I} P_s P i P_{\mu} P S C - C \sqcup, P i P_s P \cdot P \ddot{e} C, P \ddot{e} P I P S P^{\circ} P i C \acute{I} C \sqcup P_j P^{\circ} P^{\circ} P S C, P \ddot{e} P i P \gg P_s P \pm C \acute{r} P \gg C - P S P_s P I P^{\circ}$
 $P i C \acute{I} P_s P_s P \pm P^{\circ} P_{\neq} C \acute{r} P_j P \pm C \acute{I} P^{\circ}, C, C \acute{I} P_s P_j P \pm P_s C \neq P \ddot{e} C, P_s P i P_{\mu} P S C - C \sqcup, P_{\mu} P_s P \cdot P \ddot{e} P S P_s C, C - P \gg C - C \sqcup;$

$C\ddot{+}P^{\circ}C\dot{I}C,PsC,P^{\circ}PSP_{\mu}PIC-PrPsPjP^{\circ}-PiC-\ddot{P}iPs\ddot{P}iC\ddot{H}PsC,C\ddot{H}PsPjP\pm C-PSP_{\mu}PjC-Cl$;
 $PePsP^{\circ}PiC\dot{r}P\rangle Ps\ddot{P}iP^{\circ}C,C-Cl$.

$P-P\pm PsPeC\acute{z}C-PjC\acute{z}PSPSPsC-ClP\ddot{e}C\dot{I}C,P_{\mu}PjP\ddot{e}$: $C\ddot{+}P^{\circ}C\dot{I}C,PsC,P^{\circ}PSP_{\mu}PIC-PrPsPjP^{\circ}-P^{\circ}PSP^{\circ}C,,C-P\rangle P^{\circ}PeC,P\ddot{e}C\ddot{+}PSP\ddot{e}PN_{\circ}C\ddot{e}PsPe,P^{\circ}PSP^{\circ}C,,C-P\rangle P^{\circ}PeC,P\ddot{e}C\ddot{+}PSP^{\circ}C\ddot{H}P_{\mu}P^{\circ}PeC\dot{+}C-Cl$,
 $P^{\circ}PSP^{\circ}C,,C-P\rangle P^{\circ}PeC,PsC-PrPSP^{\circ}C\ddot{H}P_{\mu}P^{\circ}PeC\dot{+}C-Cl$ ($PIPeP\rangle C\ddot{H}C\ddot{+}P^{\circ}C\ddot{H}C\ddot{+}P\ddot{e}C\ddot{e}PsPe$),
 $PiC-\ddot{P}iP_{\mu}C\ddot{H}C\ddot{+}C\dot{r}C,P\rangle P\ddot{e}PIC-C\dot{I}C,CH$.

$P-P\pm PsPeC\acute{z}C\dot{I}C\acute{z}PrP\ddot{e}PS$: $C\ddot{+}P^{\circ}C\dot{I}C,Ps-C,,P\rangle P_{\mu}P\pm C-C,C\dot{r}PjC-C\dot{I}C\dot{+}C-$
 $\ddot{P}iC-PrB\ddot{H}^{\text{TM}}C''PrPSP^{\circ}PSPSClPeP^{\circ}C,P_{\mu}C,P_{\mu}C\ddot{H}P^{\circ}$; $C\ddot{H}C-PrPePs-PiP_{\mu}PjPsC\ddot{H}P^{\circ}PiC-Cl$.

$P-P\pm PsPeC\acute{z}C\ddot{e}P\rangle C\acute{z}PSPePsPIPs-PeP\ddot{e}C\ddot{e}PePsPIPsPiPsC,C\ddot{H}P^{\circ}PeC,C\acute{z}$: $C\ddot{+}P^{\circ}C\dot{I}C,Ps-PrC-P^{\circ}C\ddot{H}P_{\mu}Cl$; $PSP_{\mu}C\ddot{+}P^{\circ}C\dot{I}C,Ps-P\pm P\rangle C\ddot{H}PIP^{\circ}PSPSCl$; $C\ddot{+}P^{\circ}C\dot{I}C,PsC,P^{\circ}PSP_{\mu}PIC-PrPsPjP^{\circ}-\ddot{P}iC\dot{I}P_{\mu}PIPrPsPjP_{\mu}PjP\pm C\ddot{H}P^{\circ}PSPsP\cdot PSP\ddot{e}PN_{\circ}PePsP\rangle C-C,,$

$P''P_{\mu}\ddot{P}iP^{\circ}C,PsP\pm C-P\rangle C-P^{\circ}C\ddot{H}PSC-C\ddot{H}PsP\cdot P\rangle P^{\circ}PrP\ddot{e}$: $C\ddot{+}P^{\circ}C\dot{I}C,Ps-PiC-PrPIP\ddot{e}C\%P_{\mu}PSPSCl$
 $C\ddot{H}C-PIPSClP\ddot{H}P\rangle P\ddot{y},P\ddot{H}P\ddot{y}P\ddot{y},PiC-PrPIP\ddot{e}C\%P_{\mu}PSPSClC\ddot{H}C-PIPSClP\rangle C\dot{r}P\PSPsC-$
 $C,,PsC\dot{I}C,,P^{\circ}C,P^{\circ}P\cdot P\ddot{e}PeC\ddot{H}PsPIC-,P\PSPsPIC,ClPSP\ddot{e}C\dot{+}Cl$.

$P-P\pm PsPeC\acute{z}C\ddot{e}PeC-C\ddot{H}P\ddot{e}C,P^{\circ}PiC-PrC\ddot{e}PeC-C\ddot{H}PSPsC-PeP\rangle C-C,PePsPIP\ddot{e}PSP\ddot{e}$: $C\ddot{+}P^{\circ}C\dot{I}C,Ps-C\dot{I}PIP_{\mu}C\ddot{H}P\pm C-P\P$, $PeC\ddot{H}Ps\ddot{P}iP\ddot{e}PiB\ddot{H}^{\text{TM}}ClPSPeP^{\circ},PjP^{\circ}PeC\dot{r}P\rangle Ps\ddot{P}iP^{\circ}\ddot{P}iC\dot{r}P\rangle CHPsP\cdot PSC-$
 $PIP\ddot{e}C\dot{I}P\ddot{e}PiP^{\circ}PSPSCl$; $C\ddot{+}P^{\circ}C\dot{I}C,PsC,P^{\circ}PSP_{\mu}PIC-PrPsPjP^{\circ}-C,PsPeC\dot{I}P\ddot{e}C\ddot{+}PSP\ddot{e}PN_{\circ}$
 $P_{\mu}\ddot{P}iC-PrP_{\mu}C\ddot{H}PjP^{\circ}P\rangle CHPSP\ddot{e}PN_{\circ}PSP_{\mu}PeC\ddot{H}PsP\rangle C-P\cdot,C\dot{I}P\ddot{e}PSP\ddot{r}C\ddot{H}PsPj$
 $P\ddot{y}C,C-PIP_{\mu}PSC\dot{I}P^{\circ}B\ddot{H}''P''P\PSPsPSC\dot{I}PsPSP^{\circ},P_{\mu}PeC\dot{I}C,,PsP\rangle C-P^{\circ}C,P\ddot{e}IPSP\ddot{e}PN_{\circ}$
 $PrP_{\mu}C\ddot{H}PjP^{\circ}C,P\ddot{e}C,,$

$P-P\pm PsPeC\acute{z}PSP\ddot{e}C\ddot{H}PsPeC,P^{\circ}C\dot{I}P_{\mu}C\ddot{+}PsPIP\ddot{e}PrC-P\rangle CHPSPsC-ClP\ddot{e}C\dot{I}C,P_{\mu}PjP\ddot{e}$:

$P\ddot{S}P^{\circ}C\dot{I}C,PsC,P^{\circ}PSP_{\mu}PIC-PrPsPjP^{\circ}:PiP_{\mu}PjP^{\circ}C,C\dot{r}C\ddot{H}C-Cl$.

$P-P^{\circ}PiP^{\circ}P\rangle CHPSC-C\ddot{H}PsP\cdot P\rangle P^{\circ}PrP\ddot{e}C,P^{\circ}C\ddot{H}P_{\mu}P^{\circ}PeC\dot{+}C-C-PIPjC-C\dot{I}C\dot{+}C-PIPIP_{\mu}PrP_{\mu}PSPSCl$
 $PiC\ddot{H}P_{\mu}\ddot{P}iP^{\circ}C\ddot{H}P^{\circ}C,C\acute{z}$: $PSP_{\mu}C\ddot{+}P^{\circ}C\dot{I}C,Ps-P\pm C-P\rangle CHC\dot{r}PjC-C\dot{I}C\dot{+}C-PIPIP_{\mu}PrP_{\mu}PSPSCl$,
 $PiP^{\circ}C\ddot{H}ClC\ddot{+}PeP^{\circ}$.

$P_{\mu}PsPIC-PrPsPjP\rangle P_{\mu}PSPSClPiC\ddot{H}PsPiC-PrPsP\cdot C\ddot{H}C\ddot{H}PIP^{\circ}PSC-PiPsP\pm C-C\ddot{+}PSC-$
 $C\ddot{H}P_{\mu}P^{\circ}PeC\dot{+}C-C-$.

$P'P^{\circ}P\P\rangle P\ddot{e}IPs\ddot{P}iPsPIC-PrPsPjP\rangle ClC,P\ddot{e}PiC\ddot{H}PsPiC-PrPsP\cdot C\ddot{H}C\ddot{H}PIP^{\circ}PSC-PiPsP\pm C-C\ddot{+}PSC-$
 $C\ddot{H}P_{\mu}P^{\circ}PeC\dot{+}C-C-PiC-C\dot{I}P\rangle ClC\ddot{H}P_{\mu}C''C\dot{I}C,C\ddot{H}P^{\circ}C\dot{+}C-C-P\rangle C-PeP^{\circ}C\ddot{H}C\dot{I}CHPePsPiPs$
 $P\cdot P^{\circ}C\dot{I}PsP\pm C\dot{r}.PiP_{\mu}PrP^{\circ}C''P\cdot PjPsPiC\dot{r}PiC\ddot{H}PsPrPsPIP\P C\dot{r}PIP^{\circ}C,P\ddot{e}PjPsPSC-C,PsC\ddot{H}P\ddot{e}PSPi$
 $C\dot{I}PiC-PIPIC-PrPSPsC\ddot{e}P_{\mu}PSPSClC\ddot{H}P\ddot{e}P\cdot P\ddot{e}Pe/PePsC\ddot{H}P\ddot{e}C\dot{I}C,CHP\rangle C-PeP^{\circ}C\ddot{H}C\dot{I}CHPePsPiPs$
 $P\cdot P^{\circ}C\dot{I}PsP\pm C\dot{r}.P_{\mu}C\ddot{H}PsC...P^{\circ}PSPSClPrPsPjP_{\mu}PrP\ddot{e}C\ddot{+}PSP\ddot{e}C...PiC\ddot{H}P^{\circ}C\dot{+}C-PIPSP\ddot{e}PeC-PI$
 $\ddot{P}iPsPIC-PrPsPjP\rangle ClC,P\ddot{e}PiC\ddot{H}PsP\pm C\dot{r}PrCH-ClPeC-PiC-PrPsP\cdot C\ddot{H}C\ddot{H}PIP^{\circ}PSC-PiPsP\pm C-C\ddot{+}PSC-$
 $C\ddot{H}P_{\mu}P^{\circ}PeC\dot{+}C-C-$.

$P\ddot{y}P_{\mu}C\ddot{H}PjC-PSPiC\ddot{H}P\ddot{e}PrP^{\circ}C,PSPsC\dot{I}C,C-.$ 2 $C\ddot{H}PsPeP\ddot{e}$.

$PjPjPsPIP\ddot{e}P\cdot P\pm P_{\mu}C\ddot{H}C-PiP^{\circ}PSPSCl$.

P—P±PμCḡC—PiP°C,Pë PI PsCḡPëPiC—PSP°P»CHḡPSC—PNë CíPïP°PePsPIC†C— PïCḡPë C,PμPjPïPμCḡP°C,CíCḡC— PIC—Pr 2 PrPs 8 B°PŸ.

P—P±PμCḡC—PiP°C,Pë Cí PSPμPrPsCíC,CíPïPSPsPjCí PrP»Cḡ PrC—C,PμPNë PjC—CíC†C—.

PḡPμCíCžPjC—CíPSC—CíC,CHḡ.

P PsP·C†PëPSPë PïCḡPμPïP°CḡP°C,Cí P“PμPïP°C†PμC,,^{B®} C,P° P°PjC—PSPsPiP»C—PePsP·PëPrC—PI PSPμ CíP»C—Pr P·PjC—C€CíPIP°C,Pë, PsCíPeC—P»CHḡPePë PjC—Pḡ PSPëPjPë C—CíPSCíC” C,,C—P·PëC†PSP° PSPμCíCíPjC—CíPSC—CíC,CHḡ. PïPeC%oPs PïPμCḡPμPrP±P°C†P°C”C,CHḡCíCḡ PïCḡPsPIPμPrPμPSPSCḡ PePsPjP±C—PSPsPIP°PSPsPiPs P»C—PeCíPIP°PSPSCḡ PïCḡPμPïP°CḡP°C,PsPj P“PμPïP°C†PμC,,^{B®} C,P° P°PjC—PSPsPiP»C—PePsP·PëPrPsPj, C,Ps C†Pμ PjPsPḡPSP° P·CḡPsP±PëC,Pë C€P»CḡC...PsPj C†PμCḡPiCíPIP°PSPSCḡ PIPSCíC,CḡC—C€PSCḡPsPIPμPSPSPëC... C—PSC,,CíP·C—PNë P·P° CíPjPsPIPë PIPëPePsCḡPëCíC,P°PSPSCḡ PsPeCḡPμPjPsC— PIC,PsCḡPëPSPSPsC— CíPëCíC,PμPjPë PrP»Cḡ PIPSCíC,CḡC—C€PSCḡPsPIPμPSPSPsPiPs PIPμPrPμPSPSCḡ C,P° PïCḡPsPjPëPIP°PSPSCḡ PïPμCḡPIPëPSPSPsC— CíPëCíC,PμPjPë PrP»Cḡ PIPSCíC,CḡC—C€PSCḡPsPIPμPSPSPsPiPs PIPμPrPμPSPSCḡ PIC—PrPïPsPIC—PrPSPëPj CḡPsP·C†PëPSPsPj PjC—Pḡ C—PSC,,CíP·C—CḡPjPë. P PμPePsPjPμPSPPrCíC”C,CHḡCíCḡ PIPsPrPëC,Pë P“PμPïP°C†PμC,,^{B®} PïPμCḡPμPr P°PjC—PSPsPiP»C—PePsP·PëPrP°PjPë.

PJPI°PePsPIPeP°.

PμPs 1,0 Pi Cí C,,P»P°PePsPSP°C..., 10 C,,P»P°PePsPSC—PI Cí PiP°C†C†C—.

PḡP°C,PμPiPsCḡC—Cḡ PIC—PrPïCíCíPeCí. P—P° CḡPμC†PμPïC,PsPj.

P’PëCḡPsP±PSPëPe. PμPḡPŸ B«PḡPëC—PIPjPμPrPïCḡPμPïP°CḡP°C,B».

PḡC—CíC†PμP·PSP°C...PsPrPḡPμPSPSCḡ PIPëCḡPsP±PSPëPeP° C,P° P°PrCḡPμCíP° PjC—CíC†Cḡ PïCḡPsPIP°PrPḡPμPSPSCḡ PNëPsPiPs PrC—CḡP»CHḡPSPsCíC,C—.

PJPeCḡP°C—PSP°, 01032, Pj. PḡPëC—PI, PICíP». PŸP°PeCíP°PiP°PSCíCḡPePsPiPs, 139.