

PŸPĭPsCṽPë P·P° CÍPIPsC”CḦ PĭCṽPëCṽPsPrPsCḦ P·PrP°C,PSC- PĭPμCṽPμPSPScÍPëC,Pë
PIPëCÍPsPeCr C,PμPjPĭPμCṽP°C,CrCṽCí C,P° CēP»CrPSPePsPICr PePëCÍP»PsC,PSC-CÍC,CH. PJ
PiC-PrC,PIPμCṽPrP¶PμPSC-PNë PjPsPrPμP»C- *in vitro* CÍPĭPsCṽPë *Bacillus clausii*
PĭCṽPsPrPμPjPsPSCÍC,CṽCíPIP°P»Pë P·PrP°C,PSC-CÍC,CH PIPëP¶PëPIP°C,Pë PI PjPsPrPμP»C-,
C%oPs C-PjC-C,CrC” CÍPμCṽPμPrPsPIPëC%oPμ CēP»CrPSPeP° (pH 1,4Bṽ“1,5), PrPs 120
C...PIPëP»PëPS (PePsPμC,,C-C†C-C”PSC, PIPëP¶PëPIP°PSPSCΠ 96 %). PJ PjPsPrPμP»C-, C%oPs

C-PjC-C, C¹C" PePëC€PePsPIPµ C¹PµC¹PµPrPsPIPëC%Pµ (C¹PsP»CHPsPIPëPN₀ C¹PsP·C±PëPS P¶PsPIC±C- C, P° PiP°PSPeC¹PµP°C, PëPSC¹ B¹ pH 8), C¹PiPsC¹Pë *Bacillus clausii* PiC¹PsPrPµPjPsPSC¹C, C¹C¹PIP°P»Pë P·PrP°C, PSC-C¹C, CH C¹PsP·PjPSPsP¶C¹PIP°C, PëC¹C¹ PiPsC¹C-PIPSC¹IPSPs P· PiPsC±P°C, PePsPIPsC¹ PeC-P»CHPeC-C¹C, C¹ PI C¹C, P°C, PëC¹C, PëC±PSPs P·PSP°C±C¹C%PëPN₀ C¹PiPsC¹C-P± (PIC-Pr 10⁹ PrPs 10¹² PePsP»PsPSC-C¹C¹C, PIPsC¹C¹PIP°P»CHPSPëC... PsPrPëPSPëC±CH (P¹PjPh)), PiPsC±PëPSP°CHC±Pë P· 240 C...PIPëP»PëPSPë PiC-C¹P»C¹ C-PSPeC¹P±P°C±C-C—. Pj PrPsC¹P»C-PrP¶PµPSPSC-, C¹IPePµ PiC¹PsPIPsPrPëP»PsC¹C¹ P·P° C¹C±P°C¹C, C¹ 20 PsC¹C-P±, P±C¹P»Ps PIC-PrP·PSP°C±PµPSPs, C%Ps C¹ P»CHPrPëPSPë C¹PiPsC¹Pë *Bacillus clausii* PiPsC¹C, C-PN₀PSPs P¶PëPIC¹C, CH C¹ PePëC€PµC±PSPëPeC¹ PN₀ PjPsP¶C¹C, CH P±C¹C, Pë PIPëC¹PIP»PµPSC- PI PeP°P»C- PiC¹PsC, C¹IPiPsPj PiPµC¹C-PSPrC¹ PrPs 12 PrPSC-PI PiC-C¹P»C¹ PsPrPSPsC¹P°P·PsPIPsPiPs PiPµC¹PsC¹P°P»CHPSPsPiPs PiC¹PëPN₀PsPjC¹.

P—P°PIPrC¹IPePë PrC-C— *Bacillus clausii* PiC¹PµPiP°C¹P°C, PIC-PrPSPsPIP»CHC" PePëC€PePsPIC¹ PjC-PeC¹PsC,, P»PsC¹C¹, P·PjC-PSPµPSC¹ C¹ C¹PµP·C¹P»CHC, P°C, C- C, PµC¹P°PiC-C— P»C-PeP°C¹C¹CHPePëPjPë P·P°C¹PsP±P°PjPë, C%Ps PiC¹PëP·PIPsPrC¹C, CH PrPs PrPëC¹P±P°PeC, PµC¹C-PSP·C¹ (C, P°PePsP¶ PIC-PrPsPjPsPiPs C¹IPe PrPëC¹P±C-PSP·), C¹IPePëPN₀ C, P°PePsP¶ PjPsP¶Pµ P±C¹C, Pë PiPsPiB¹™ C¹IP·P°PSPëPN₀ P·C- C€P»C¹PSPePsPIPs- PePëC€PePsPIPëPjPë C¹PëPjPiC, PsPjP°PjPë, C, P°PePëPjPë C¹IPe PrC-P°C¹PµC¹, P±C-P»CH C¹ P¶PëPIPsC, C- C, P° PjPµC, PµPsC¹PëP·Pj (P·PrC¹C, C, C¹ PePëC€PµC±PSPëPeC¹). P¹CHC-Pj C, PsPiPs, P·P°PIPrC¹IPePë P·PrP°C, PSPsC¹C, C- *Bacillus clausii* C¹PëPSC, PµP·C¹PIP°C, Pë C¹C-P·PSC- PIC-C, P°PjC-PSPë, PsC¹PsP±P»PëPIPs PiC¹C¹PiPë P', PiC¹PµPiP°C¹P°C, C¹PiC¹PëC¹C" PePsC¹PµPeC±C-C— PrPëC¹PIC-C, P°PjC-PSPsP·C¹, C¹PiC¹PëC±PëPSPµPSPsPiPs P·P°C¹C, PsC¹C¹PIP°PSPSC¹IPj P°PSC, PëP±C-PSp, PëPeC-PI P°P±Ps C...C-PjC-PSp, PµC¹P°PiPµPIC, PëC±PSPëC... PiC¹PµPiP°C¹P°C, C-PI. P—P°PIPrC¹IPePë PjPµC, P°P±PsP»C-C±PSC-PN₀ P°PeC, PëPIPsPSC¹C, C- *Bacillus clausii* P·P°C¹C, PsC¹C¹PIP°PSPSC¹ PiC¹PµPiP°C¹P°C, C¹ PrP°C" P·PjPsPiC¹ PrPsC¹C¹IPiC, Pë PSPµC¹PiPµC±PëC,, C-C±PSPsPiPs P°PSC, PëPiPµPSPSPsPiPs C, P° P°PSC, PëC, PsPeC¹PëC±PSPsPiPs PµC,, PµPeC, C¹.

P—P°PIPrC¹IPePë PIPëC¹PsPeC-PN₀ C¹PµP·PëC¹C, PµPSC, PSPsC¹C, C- PrPs C...C-PjC-C±PSPëC... C- C,, C-P·PëC±PSPëC... P°PiPµPSC, C-PI C¹PiPsC¹Pë *Bacillus clausii* PiC¹PsC...PsPrC¹C, CHB PSPµC¹C€PePsPrP¶PµPSPëPjPë PeC¹C-P·CH P±P°C¹B¹™ C" C¹ C€P»C¹PSPePsPIPsPiPs C¹PsPeC¹ PI PePëC€PµC±PSPëPN₀ C, C¹P°PeC,, PrPµ PIPsPSPë PiPµC¹PµC, PIPsC¹CHC¹C, CHC¹C¹ PI PjPµC, P°P±PsP»C-C±PSPs P°PeC, PëPIPSC- PIPµPiPµC, P°C, PëPIPSC- PeP»C-C, PëPSPë.

Pj PrPIPsC... PIC-PrPeC¹PëC, PëC... C¹P°PSPrPsPjC-P·PsPIP°PSPëC... PePsPSC, C¹PsP»CHPsPIP°PSPëC... PeP»C-PSC-C±PSPëC... PrPsC¹P»C-PrP¶PµPSPSC¹C... P»C-PeP°C¹C¹CHPePëPN₀ P·P°C¹C-P± P·PSC, PµC¹PsP¶PµC¹PjC-PSP°^B P±PsC¹C, Pµ PiC¹PsPrPµPjPsPSC¹C, C¹C¹PIP°PI P·PSPëP¶PµPSPSC¹ C, C¹PëPIP°P»PsC¹C, C- PiPsC¹C, C¹PsC— PrC-P°C¹PµC— C¹ PrC-C, PµPN₀ PIC-PePsPj PIC-Pr 6 PjC-C¹C¹C±C-PI.

P—P° C¹PjPsPIPë PiC¹PëPN₀PsPjC¹ PiC-Pr C±P°C¹ P»C-PeC¹PIP°PSPSC¹ P°PSC, PëP±C-PSp, PëPeP°PjPë C, P° PiC¹PsC, C¹IPiPsPj PSP°C¹C, C¹PiPSPëC... 7B¹"10 PrPSC-PI P·PSC, PµC¹PsP¶PµC¹PjC-PSP°^B P±PsC¹C, Pµ PiC¹PsPrPµPjPsPSC¹C, C¹C¹PIP°P»P° P·PSPëP¶PµPSPSC¹ C±P°C¹C, PsC, Pë P±PsP»CH PI P¶PëPIPsC, C- C, P° PrC-P°C¹PµC—, PiPsPiB¹™ C¹IP·P°PSPëC... C-P· P·P°C¹C, PsC¹C¹PIP°PSPSC¹IPj P°PSC, PëP±C-PSp, PëPeC-PI.

P"Ps PiC¹PsC¹PiPµPeC, PëPIPsPSPsPiPs PsP±C¹PµC¹PIP°C±C-PN₀PSPsPiPs P±P°PiP°C, PsC±PµPSC, C¹PsPIPsPiPs PrPsC¹P»C-PrP¶PµPSPSC¹ P±C¹P»Ps P·P°P»C¹C±PµPSPs 261 PiP°C±C-C" PSC, P° PrP»C¹ PsC±C-PSPePë P·P°C¹C, PsC¹C¹PIP°PSPSC¹ PiC¹PsP±C-PSp, PëPeP° *Bacillus clausii* PI C¹PµP°P»CHPSPëC... C¹PjPsPIP°C... PiC¹Pë C, P°PePëC... C¹PëPjPiC, PsPjP°C..., C¹IPe PrC-P°C¹PµC¹, P±C-P»CH C¹ P¶PëPIPsC, C-,

P·PrCfC,C,Cf P¶PëPIPsC,P°, PjPµC,PµPsCfPëP·Pj, P·P°PīPsCf C,P°
P°P±PrPsPjC-PSP°P»CHbPSPëPµ PrPëCfPePsPjC,,PsCfC,, PhCtC-PSPeP°
PīCfPsPIPsPrPëP»P°CfCfCf PSP° PsCfPSPsPIC- P°PSPePµC,CfPIP°PSPSCf PīP°CtC-C"PSC,C-PI,
CfPePµ P·PrC-PNëCfPSCfPIP°P»Pë C,,P°CfPjP°CtPµPIC,Pë PīPµCfPµPr PīPsCtP°C,PePsPj
PīCfPëPµPsPjCf PīCfPµPīP°CfP°C,Cf C,P° CtPµCfPµP· 30 PrPSC-PI PīC-CfP»Cf PNëPsPīPs
P·P°CfC,PsCfCfPIP°PSPSCf.

PµP°CtC-C"PSC,Pë PīPsPIC-PrPsPjPëP»Pë, C%Ps PīCfPëPµPjP°P»Pë PīCfPµPīP°CfP°C,
PīPµCfPµPIP°P¶PSPs PrP»Cf P»C-PeCfPIP°PSPSCf PrC-P°CfPµC— (56,7 %
PīP°CtC-C"PSC,C-PI); P°P±PrPsPjC-PSP°P»CHbPSPsPīPs P±PsP»Cf (13,41 %) C,P° P·PrCfC,C,Cf
P¶PëPIPsC,P° (12,64 %).

PŸPµCfPµPrPSCf C,CfPëPIP°P»C-CfC,Ch P»C-PeCfPIP°PSPSCf CfC,P°PSPsPīPëP»P° 7,1
PrPSCf. PµPsPeCfP°C%PµPSPSCf CfPëPjPīC,PsPjC-PI PīP°CtC-C"PSC,Pë
PIC-PrP·PSP°CtP°P»Pë Pī CfPµCfPµPrPSCfPsPjCf CtPµCfPµP· C,CfPë PrPSC-
P·P°CfC,PsCfCfPIP°PSPSCf P»C-PeP°CfCfChPePsPīPs P·P°CfPsP±Cf. PµC-CfP»Cf
P·P°PIPµCfCfPµPSPSCf P»C-PeCfPIP°PSPSCf 95 % PīP°CtC-C"PSC,C-PI PIC-PrP·PSP°CtPëP»Pë
P·PjPµPSCfPµPSPSCf PrC-P°CfPµC—, P° 97 % бґ“ PīPsCfP»P°P±P»PµPSPSCf
P°P±PrPsPjC-PSP°P»CHbPSPsPīPs P±PsP»Cf.

P—P°P·PSP°CtPµPSC- PSPëP¶CtPµ 2 PsCfPSPsPIPsC- PIP»P°CfC,PëPIPsCfC,C- *Bacillus clausii*
CfPīCfPëCfCfC,Ch PIC-PrPSPsPIP»PµPSPSCf PePëCfPePsPIPsC—
P±P°PeC,PµCfC-P°P»CHbPSPsC— C,,P»PsCfPë.

PtPSPiC-P±CzPIP°PSPSCf P·CfPsCfC,P°PSPSCf PīP°C,PsPīPµPSPSPëC... P±P°PeC,PµCfC-PNë

PŸCfChbPsPjP° PNëPjPsPIC-CfPSPëPjPë PjPµC...P°PSC-P·PjP°PjPë PrC-C— *B. clausii* C":
PePsP»PsPSC-P·P°CtC-Cf PIC-P»CHbPSPëC... PµPePsP»PsPīC-CtPSPëC... PSC-Cf, C%Ps
P·P°PīPsP±C-PīP°C" P·CfPsCfC,P°PSPSCf C-PSCfPëC... PjC-PeCfPsPsCfPīP°PSC-P·PjC-PI;
PePsPSPeCfCfPµPSCtC-Cf P·P° P·Pībґ™ CfP·PsPe P· PµPīC-C,PµP»C-P°P»CHbPSPëPjPë
PeP»C-C,PëPSP°PjPë, C%Ps PsCfPsP±P»PëPIPs CfC,PsCfCfC"C,ChCfCfCf CfPīPsCfCf Cf
PīPsCtP°C,PePsPIC-PNë C- PīCfPsPjC-P¶PSC-PNë C,,P°P·P°C... PīPµCfPjC-PSP°CtC-C—;
PIPëCfPsP±P»PµPSPSCf P°PSC,PëP±C-PsC,PëPeC-PI C-/P°P±Ps C,,PµCfPjPµPSC,C-PI, CfPeC-
CfPµPeCfPµC,CfCfC,ChCfCfCf Pī PePëCfPePsPIPsPjCf CfPµCfPµPrPsPIPëC%C-. Pj
PrPsCfP»C-PrP¶PµPSPSC- *in vitro* CfPīPsCfPë *Bacillus clausii*
PīCfPsPrPµPjPsPSCfC,CfCfPIP°P»Pë PIPëCfPsP±P»PµPSPSCf P±P°PeC,PµCfC-PsCtPëPSC-PI
C- P°PSC,PëP±C-PsC,PëPeC-PI, C,P°PePëC... CfPe PeP»P°CfP·PëPS, P·
P°PSC,P°PīPsPSC-CfC,PëCtPSPsCf P°PeC,PëPIPsC-CfC,Cf PīCfPsC,Pë
PīCfP°PjPīPsP·PëC,PëPIPsPëC... P±P°PeC,PµCfC-PNë *Staphylococcus aureus*, *Clostridium difficile*,
Enterococcus faecium.

PtPjCzPSPsPjPsPrCzP»CfCfCtP° P°PeC,PëPIPsC-CfC,Ch

PŸPīPsCfPë *Bacillus clausii*, P·P°CfC,PsCfPsPIP°PSC- PīPµCfPsCfP°P»CHbPSPs, Cf
PjPsPrPµP»CfC... *in vitro* C,P° *in vivo* PSP° PjPëCfP°C... PīCfPsPrPµPjPsPSCfC,CfCfPIP°P»Pë
CfC,PëPjCfP»CfPIP°PSPSCf PIPëCfPsP±P»PµPSPSCf C-PSC,PµCfC,,PµCfPsPSCf-PīP°PjPjP°
C,P° P·P±C-P»CHbCfPµPSPSCf PīCfPsP»C-C,,PµCfP°CtC-C— CD4 T·P»C-PjC,,PsCtPëC,C-PI.

PµP°CfPjP°PePsPeC-PSPµC,PëPeP°.

PJ C,,P»P°PePsPSP°C... P· PīCḡPμPīP°CḡP°C,PsPj P•PSC,PμCḡPsP¶PμCḡPjC-PSP°° PαPsCḡC,Pμ PjPsP¶P»PēPIP° PSP°CΠPIPSC-CḡC,Ch PIPēPrPēPjPēC... C‡P°CḡC,PsC‡PsPe, C%Ps CḡC,PIPsCḡCḡC,ChCḡCΠ PIPSP°CḡP»C-PrPsPe P°PiCḡPμPiP°C‡C-C— CḡPīPsCḡ *Bacillus*

clausii C,P° PSPμ CΓPIC-PrC±P°C,CH PīCḡPs C,Pμ, C%Ps PīCḡPμPīP°CḡP°C, P·P°P·PSP°PI
P±CfPrCH-CḡPePēC... P·PjC-PS.

PμPμCḡPμPr P·P°CΓC,PsCΓCfPIP°PSPSCḡPj C,,P»P°PePsPS CΓP»C-Pr CΓC,CḡCfCΓPēC,Pē.

PμCḡPμPīP°CḡP°C, PjP°C" PIPēCΓPsPePēPNē CΓC,CfPīC-PSCH PiPμC,PμCḡPsP»PsPiC-C±PSPsC—
CḡPμP·PēCΓC,PμPSC,PSPsCΓC,C- PrPs P°PSC,PēP±C-PsC,PēPeC-PI, C%Ps PrP°C" P·PjPsPiCf
P·P°CΓC,PsCΓPsPICfPIP°C,Pē PNēPsPiPs CḡPe PrP»Cḡ PīCḡPsC,,C-P»P°PeC,PēPePē P·PjC-PSPē
PjC-PeCḡPsC,,P»PsCḡPē PePēCēPμC±PSPēPeCf, CΓPīCḡPēC±PēPSPμPSPsC—
CΓPμP»PμPeC,PēPIPSPsCḡ PrC-C"ḡ P°PSC,PēP±C-PsC,PēPeC-PI (PsCΓPsP±P»PēPIPs
P°PSC,PēP±C-PsC,PēPeC-PI CēPēCḡPsPePsPiPs CΓPiPμPeC,CḡP° PrC-C—), C,P°Pe C- PrP»Cḡ
PIC-PrPSPsPIP»PμPSPSCḡ PIPḡPμ PiPsCḡCfCēPμPSPsPiPs P±P°P»P°PSCΓCf
PjC-PeCḡPsC,,P»PsCḡPē PePēCēPμC±PSPēPeCf.

PīPeC%Ps PīCḡPμPīP°CḡP°C, PīCḡPēP·PSP°C±P°C,Pē PsPrPSPsC±P°CΓPSPs P·
P°PSC,PēP±C-PsC,PēPeP°PjPē, PNēPsPiPs CΓP»C-Pr P·P°CΓC,PsCΓPsPICfPIP°C,Pē PjC-Pḡ
PrPIPsPjP° PīCḡPēPNēPsPjP°PjPē P°PSC,PēP±C-PsC,PēPeP°.

PjPμPNē P»C-PeP°CḡCΓCHPePēPNē P·P°CΓC-P± PīCḡPēP·PSP°C±PμPSPēPNē PIPēPeP»CḡC±PSPs
PrP»Cḡ PīPμCḡPsCḡP°P»CHPSPsPiPs P·P°CΓC,PsCΓCfPIP°PSPSCḡ.
P—P°P±PsCḡPsPSCḡC"ḡC,CHCΓCḡ PIPiPsPrPēC,Pē PīCḡPμPīP°CḡP°C,
C-PSBḡ™C"PeC†C-PNēPSPēPj P°P±Ps P±CfPrCH-CḡPePēPj C-PSCēPēPj CēP»CḡC...PsPj.
PḡPμPePsCḡPμPeC,PSPμ P·P°CΓC,PsCΓCfPIP°PSPSCḡ C†CHPsPiPs P»C-PeP°CḡCΓCHPePsPiPs
P·P°CΓPsP±Cf PīCḡPēP·PIPsPrPēP»Ps PrPs PIPēPSPēPePSPμPSPSCḡ C,CḡPḡPePēC...
P°PSP°C,,C-P»P°PeC,PēC±PSPēC... CḡPμP°PeC†C-PNē, C,P°PePēC... CḡPe
P°PSP°C,,C-P»P°PeC,PēC±PSPēPNē CēPsPe.

P'P°PeC,PμCḡC-C"ḡPjC-Cḡ C,P° CΓPμPīCΓPēCΓ

PμPsCΓC,PjP°CḡPePμC,PēPSPiPsPIC- PIPēPīP°PrPePē P±P°PeC,PμCḡC-C"ḡPjC-C—,
CΓPμPiC,PēC†PμPjC-C— C,P° CΓPμPīCΓPēCΓCf P±CfP»Pē PIPēCḡPIP»PμPSC- Cf
PīP°C†C-C"ḡPSC,C-PI P· PsCΓP»P°P±P»PμPSPēPj C-PjCfPSC-C,PμC,PsPj P°P±Ps Cf
C,CḡPḡPePsC...PIPsCḡPēC... PīP°C†C-C"ḡPSC,C-PI, P° C,P°PePsPḡ Cf PSPμPrPsPSPsCēPμPSPēC...
PrC-C,PμPNē. Pj PrPμCḡPePēC... C...PIPsCḡPēC... Cf C,CḡPḡPePsPjCf CΓC,P°PSC-
CḡPμP·CfP»CHC,P°C, P±CfPI P»PμC,P°P»CHPSPēPj. PjPēPj PiCḡCfPīP°Pj PīP°C†C-C"ḡPSC,C-PI
CΓP»C-Pr CfPSPēPeP°C,Pē P·P°CΓC,PsCΓCfPIP°PSPSCḡ PīCḡPμPīP°CḡP°C,Cf
P·PSC,PμCḡPsPḡPμCḡPjC-PSP°^{B®} PḡPsCḡC,Pμ (PrPēPI. CḡPsP·PrC-P» B«PμPsP±C-C±PSC-
CḡPμP°PeC†C-C—B»).

P—P°CΓC,PsCΓCḡPIP°PSPSCḡ Cḡ PiPμCḡC-PsPr PIP°PiC-C,PSPsCΓC,C- P°P±Ps
PiPsPrCḡPIP°PSPSCḡ PiCḡCḡPrPrCḡ.

P'P°PiC-C,PSC-CΓC,CH. P"PsCΓC,CfPīPSC- PrP°PSC- C%PsPrPs P·P°CΓC,PsCΓCfPIP°PSPSCḡ
PīCḡPμPīP°CḡP°C,Cf P·PSC,PμCḡPsPḡPμCḡPjC-PSP°^{B®} PḡPsCḡC,Pμ PIP°PiC-C,PSPēPj
PḡC-PSPeP°Pj, C" PsP±PjPμPḡPμPSPēPjPē, C,PsPjCf PSPμ PjPsPḡPSP° P·CḡPsP±PēC,Pē
PIPēCΓPSPsPiPsPe C%PsPrPs P±PμP·PīPμPePē P·P°CΓC,PsCΓCfPIP°PSPSCḡ
PīCḡPμPīP°CḡP°C,Cf PiC-Pr C±P°CΓ PIP°PiC-C,PSPsCΓC,C-.

PμCḡPμPīP°CḡP°C, P·PSC,PμCḡPsPḡPμCḡPjC-PSP°^{B®} PḡPsCḡC,Pμ PjPsPḡPSP°
P·P°CΓC,PsCΓPsPICfPIP°C,Pē PiC-Pr C±P°CΓ PIP°PiC-C,PSPsCΓC,C- P»PēCēPμ Cf CḡP°P·C-,

PePsP»Pë PïPsC,PµPSC†C-PM̄PSP° PePsCḡPëCíC,CH PrP»Cḡ PIP°PiC-C,PSPSc—
PïPµCḡPµPIPëC%oCrC" PïPsC,PµPSC†C-PM̄PSC- CḡPëP·PëPePë, PIPeP»CḡC†PSPs P·
CḡPëP·PëPeP°PjPë PrP»Cḡ PïP»PsPrP°.

*PµPµCḡC-PsPr PïPsPrC¿PIP°PSPSCḡ PïCḡC¿PrPrCḡ. P"PsCíC,CrPïPSC- PrP°PSC- C%oPsPrPs
P·P°CíC,PsCíCíPIP°PSPSCḡ PïCḡPµPïP°CḡP°C,Cr B P·PSC,PµCḡPsP¶PµCḡPjC-PSP°^{B®}
PαPsCḡC,Pµ Pï PïPµCḡC-PsPr PïPsPrCíPIP°PSPSCḡ PïCḡCíPrPrCḡ, P° CíP°PjPµ C%oPsPrPs
PSP°CḡPIPSPsCíC,C- PïCḡPµPïP°CḡP°C,Cr Cr PïCḡCíPrPSPsPjCí PjPsP»PsC†C- C,P°
PIPïP»PëPICí PSP° PSPµPjPsPIP»Cḡ, C" PsP±PjPµP¶PµPSPëPjPë, C,PsPjCí PSPµ PjPsP¶PSP°
P·CḡPsP±PëC,Pë PIPëCíPSPsPIPePë C%oPsPrPs P±PµP·PïPµPePë P·P°CíC,PsCíCíPIP°PSPSCḡ
PïCḡPµPïP°CḡP°C,Cr Pï PïPµCḡC-PsPr PïPsPrCíPIP°PSPSCḡ PïCḡCíPrPrCḡ.*

PµCḡPµPïP°CḡP°C, P·PSC,PµCḡPsP¶PµCḡPjC-PSP°^{B®} PαPsCḡC,Pµ PjPsP¶PSP°
P·P°CíC,PsCíCíPICíPIP°C,Pë Pï PïPµCḡC-PsPr PïPsPrCíPIP°PSPSCḡ PïCḡCíPrPrCḡ, P»PëCëPµ
CḡPIPeC%oPs PïPsC,PµPSC†C-PM̄PSP° PePsCḡPëCíC,CH PrP»Cḡ PjP°C,PµCḡC-
PïPµCḡPµPIPëC%oCrC" PïPsC,PµPSC†C-PM̄PSC- CḡPëP·PëPePë, PIPeP»CḡC†PSPs P·
CḡPëP·PëPeP°PjPë PrP»Cḡ PrPëC,PëPSPë, CḡPIPeP° PïPµCḡPµP±CíPIP°C" PSP° PïCḡCíPrPSPsPjCí
PIPëPïPsPrPsPICíPIP°PSPSC-.

*PαPµCḡC,PëP»CH̄PSC-CíC,CH. P"°PSPëC... C%oPsPrPs PIPïP»PëPICí
P»C-PeP°CḡCíCH̄PePsPiPs P·P°CíPsP±Cí P·PSC,PµCḡPsP¶PµCḡPjC-PSP°^{B®} PαPsCḡC,Pµ PSP°
C,,PµCḡC,PëP»CH̄PSC-CíC,CH P»CḡPrPëPSPë PSPµPjP°C".*

*P—PrP°C,PSC-CíC,CH PIPïP»PëPIP°C,Pë PSP° CëPIPëPrPeC-CíC,CH CḡPµP°PeC†C-C— PïCḡPë
PePµCḡC¿PIP°PSPSC- P°PIC,PsC,CḡP°PSCíPïPsCḡC,PsPj P°P±Ps C-PSCëPëPjPë
PjPµC...P°PSC-P·PjP°PjPë.B B B*

P·PSC,PµCḡPsP¶PµCḡPjC-PSP°^{B®} PαPsCḡC,Pµ PSPµ PIPïP»PëPIP°C" PSP° P·PrP°C,PSC-CíC,CH̄
PePµCḡCíPIP°C,Pë C,CḡP°PSCíPïPsCḡC,PSPëPjPë P·P°CíPsP±P°PjPë C,P° PïCḡP°C†CḡPIP°C,Pë
P· C-PSCëPëPjPë PjPµC...P°PSC-P·PjP°PjPë.

PŸPïPsCíC-P± P·P°CíC,PsCíC¿PIP°PSPSCḡ C,P° PrPsP·Pë.

P·PjC-CíC, C,,P»P°PePsPSP° PïCḡPëPM̄PjP°CḡC,CH P±PµP· CḡPsP·PIPµPrPµPSPSCḡ P°P±Ps
CḡPsP·PIPsPrCḡC,CH Cr PIPsPrC- C†Pë C-PSCëPëC... PSP°PïPsCḡC... (PSP°PïCḡPëPeP»P°Pr Cr
PjPsP»PsC†C-, C†P°C— P°P±Ps Pï P°PïPµP»CH̄CíPëPSPsPIPsPjCí CíPsPeCí). PïPµPM̄
P»C-PeP°CḡCíCH̄PePëPM̄ P·P°CíC-P± PïCḡPëP·PSP°C†PµPSPëPM̄ P»PëCëPµ PrP»Cḡ
PïPµCḡPsCḡP°P»CH̄PSPsPiPs P·P°CíC,PsCíCíPIP°PSPSCḡ. PáPµ PIPIPsPrPëC,Pë
PïP°CḡPµPSC,PµCḡP°P»CH̄PSPs C- PSPµ P·P°CíC,PsCíCíPICíPIP°C,Pë C-PSCëPëPj
CíPïPsCíPsP±PsPj.

P"PsP·P° PrP»Cḡ PrPsCḡPsCíP»PëC... Bḡ" 5 PjP» (1 C,,P»P°PePsPS) PSP° PrPsP±Cí.

*P"°C-C,Pë. PµCḡPµPïP°CḡP°C, PjPsP¶PSP° P·P°CíC,PsCíCíPICíPIP°C,Pë PrC-C,CḡPj PIC-PePsPj
PIC-Pr 28 PrPSC-PI. PµCḡPµPïP°CḡP°C, P·P°CíC,PsCíCíPICíCḡC,CH̄ PSPµPjPsPIP»CḡC,P°Pj C-
PrC-C,CḡPj Cr PrPsP·C- 5 PjP» (1 C,,P»P°PePsPS) PSP° PrPsP±Cí.*

PŸPµCḡPjC-PSB P»C-PeCíPIP°PSPSCḡB PICíC,P°PSPsPIP»CḡC" P»C-PeP°Cḡ P·P°P»PµP¶PSPs
PIC-Pr CíC,P°PSCí PïP°C†C-C"°PSC,P° C,P° PïPµCḡPµP±C-PiCí P·P°C...PIPsCḡCḡPIP°PSPSCḡ:

- P»C-PeCfPIP°PSPSCl C,P° PíCfPSc,,C-P»P°PeC,PëPeP° PrPëCfP±P°PeC,PµCfC-PsP·Cf
PePëCëPµCfPSPëPeCf C,P° PíPsPIbTTM CIP·P°PSPsPiPs P· PSPëPj PµPSPPrPsPiPµPSPSPsPiPs
PrPëCfPIC-C,P°PjC-PSPsP·Cf бTTM 5бTTM7 PrPSC-PI;

- PrPsPiPsPjC-P¶PSP° C,PµCfP°PíC-Cl, CíPíCfCIPjPsPIP°PSP° PSP° PIC-PrPSPsPIP»PµPSPSCl
PSPsCfPjP°P»CHbPSPsC— PjC-PeCfPSc,,P»PsCfPë PePëCëPµCfPSPëPeCf, C°Ps
PíPsCfCfCëCfC”C,CHbCfCí PíC-Pr CfP°Cí P»C-PeCfPIP°PSPSCl P°PSC,PëP±C-PsC,PëPeP°PjPë
P°P±Ps C...C-PjC-PsC,PµCfP°PíPµPIC,PëCfPSPëPjPë PíCfPµPíP°CfP°C,P°PjPë бTTM
PíCfPSc,CIPiPsPj P°PSC,PëP±C-PsC,PëPePsC,PµCfP°PíC-C— (Cí CíPµCfPµPrPSCbPsPjCf
5бTTM10 PrPSC-PI);

- PiPsCfC,CfC- C,P° C...CfPSPSC-CfPSC- CëP»CíPSPePsPIPs-PePëCëPePsPIC-
P·P°C...PIPsCfCfPIP°PSPSCl Cí PSPµPjPsPIP»CíC,, PíPsPIbTTM CIP·P°PSC- P·
C-PSC,PsPeCfPëPeP°CfC-C”Cf P°P±Ps PrPëCfP±P°PeC,PµCfC-PsP·PsPj PePëCëPµCfPSPëPeCf
C,P° PrPëCfPIC-C,P°PjC-PSPsP·PsPj: PiPsCfC,CfC- бTTM 5бTTM7 PrPSC-PI, C...CfPSPSC-CfPSC-
бTTM PrPs 30 PrPSC-PI.B B B B B

PµPµCfPµPrPsP·CzPIP°PSPSCl.

PµCfPs PIPëPíP°PrPePë PíPµCfPµPrPsP·CfPIP°PSPSCl PSPµ PíPsPIC-PrPsPjP»CIP»PsCfCí.

PµPsP±C-CfPSC- CfPµP°PeCfC-C—.

PµPsP±C-CfPSC- CfPµP°PeCfC-C—, PíPsPIC-PrPsPjP»PµPSPSCl PíCfPs CIPeC- P±CfP»Ps
PsC,CfPëPjP°PSPs PíC-Pr CfP°Cí P·P°CíC,PsCfCfPIP°PSPSCl PíCfPµPíP°CfP°C,Cf
P·PSC,PµCfPsP¶PµCfPjC-PSP°^{B®} P»PsCfC,Pµ, PíPµCfPµCfP°C...PsPIP°PSPs PSPëP¶CfPµ
PIC-PrPíPsPIC-PrPSPs PrPs PeP»P°CíCf CíPëCfC,PµPj PsCfPiP°PSC-PI C- CfP°CíC,PsC,Pë
PIPëPSPëPePSPµPSPSCl: PrCfP¶Pµ CfP°CíC,C- (≥ 1/10); CfP°CíC,C- (≥ 1/100, < 1/10);
PSPµCfP°CíC,C- (≥ 1/1000, < 1/100); CfC-PrPeC-CfPSC- (≥ 1/10 000, < 1/1000); PrCfP¶Pµ
CfC-PrPeC-CfPSC- (< 1/10 000); CfP°CíC,PsC,P° PSPµPIC-PrPsPjP° (PSPµPjPsP¶P»PëPIPs
PsCfC-PSPëC,Pë P·P° PSP°CIPSPSPëPjPë PrP°PSPëPjPë).

P PsP·P»P°PrPë P· P±PsPeCz CëPeC-CfPë C,P° PíC-PrCëPeC-CfPSPëC... C,PeP°PSPëPS

PSP°CíC,PsC,P° PSPµPIC-PrPsPjP°: CfPµP°PeCfC-C— PíC-PíPµCfCfCfC,P»PëPIPsCíC,C-, PI
C,PsPjCf CfPëCfP»C- PIPëCfPëPíP°PSPSCl, PeCfPsPíPëPIbTTM CIPSPeP° C,P°
P°PSPiC-PsPSPµPICfPSc,PëCfPSPëPNë PSP°P±CfCIPe.

PfPSC,,PµPeCfC-PNëPSC- C,P° PíP°CfP°P·PëC,P°CfPSC- P·P°C...PIPsCfCfPIP°PSPSCl

PSP°CíC,PsC,P° PSPµPIC-PrPsPjP°: P±P°PeC,PµCfC-C”PjC-Cí, CíPµPíC,PëCfPµPjC-Cí C,P°
CíPµPíCíPëCí (Cí PíP°CfC-C”PSC,C-PI P· PsCfP»P°P±P»PµPSPëPj C-PjCfPSC-C,PµC,PsPj
P°P±Ps Cí C,CIP¶PePsC...PIPsCfPëC... PíP°CfC-C”PSC,C-PI) (PrPëPI. CfPSP·PrC-P»
B«PhCfPsP±P»PëPIPsCíC,C- P·P°CíC,PsCfCfPIP°PSPSClB»).

PµPsPIC-PrPsPjP»PµPSPSCl PíCfPs PíC-PrPsP·CfCfPIP°PSC- PíPsP±C-CfPSC-
CfPµP°PeCfC-C—

P_HC-Cl⁺C+PuP·PSP°C...PsPrP°PuPSPSCII PIPëC_HPsP±PSPëPeP° C,P° PN₀PsPiPs

Р°РrСђРµСђР° РjС-СђС†Сђ РiСђРsРIP°РrР¶РµРSPSCђ РrС-СђР»СђРSPsСђС,С-.

Р'СђСђР»Рµ Р•СrСђРsРiР°, 11 вђ“ 21040 РђСђС-РrР¶СђРs (VA), Р†С,Р°Р»С-Сђ.

Р—Р°СђIPSPёРё.

РŷРђР' В«РђРiРµР»Р»Р° РГРµР»СђРёРµР° РJРёСђР°С—РSP°В», РJРёСђР°С—РSP°.

**РђС-СђС†РµР•РSP°С...РsРrР¶РµРSPSCђ Р•Р°СђIPSPёРёР° С,Р° РN₂РsРiРs
Р°РrСђРµСђР° РjС-СђС†Сђ РiСђРsРIP°РrР¶РµРSPSCђ РrС-СђР»СђРSPsСђС,С-.**

РJРёСђР°С—РSP°, 01033, Рj. РђРёС—РI, РIСrР». Р-РёР»СђРSCђСђРёР°, 48-50Рђ.