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**PrP»CЦ PjPμPrPëC±PSPsPiPs P•P°CíC,PsCíCíPPIP°PSPSCЦ P»C-PeP°CíCíCñPePsPiPs
P•P°CíPsP±Cí**

P-C-PSPSP[°]C,^{B®}

(Zinnat^{B®})

$$P\check{Y}P\epsilon P\gg P^{\circ}P\Gamma:$$

PrC-C7C#P° C7PμC#PsPIPëPSP°: C†PμC,,CrC7PsPeCΓPëPj;

5 PjP» PiPsC,PsiPiPsC— CíCrCíPíPuPSP·C-C— Cr C,,P»P°PePsPSC- PjC-CíC,CíC,CíC
CíPuC,,CrCíPíPsPeCíPëPjCr (Cr C,,PsCíPjC- CíPuC,,CrCíPíPsPeCíPëPjCr P°PeCíPuC,PëP»Cr)
125 PjPi P°P±Ps 250 PjPi;

*PrPsPiPsPjC-P¶PSC- C¶PµC†PsPIPëPSPë: PiPsPIC-PrPsPS P¶30, PePëC¶P»PsC,P°
C¶C,PµP°C¶PëPSPsPIP°, C¶P°C...P°C¶PsP·P°, C,,C¶C¶PeC,PsPIPëPNë P°C¶PsPjP°C,PëP·P°C,PsC¶,
P°C¶PiP°C¶C,P°Pj (P· 951), PeC¶P°PSC,P°PSPsPIP° PeP°PjPµPrCH, PeP°P»C-C¶
P°C†PµC¶C¶P»CHC,,P°Pj.*

P·C-PeP°CTĠĆHьPeP° C,,PsCTġPjP°. P“CTġP°PSCġP»Pě PrP»CĲ PiCTġPěPiPsC,CġPIP°PSPSCĲ
CġĆġĆġPiPμPSP·C-C—.

$P\hbar C\acute{I}PSPsPIPSC-C,,C-P.P\ddot{e}PePs-C...C-PjC-C\ddagger PSC-PIP\gg P^{\circ}C\acute{I}C,P\ddot{e}PIPsC\acute{I}C,C-: P\pm C-P\gg C-P^{\circ}P\pm Ps$
 $PjP^{\circ}PN\ddot{e}P\Pi P\mu P\pm C-P\gg C-C\hbar PsP.C\acute{I}P\ddot{e}P\ddot{I}C\ddagger P^{\circ}C\acute{I}C,C-PiC\hbar P^{\circ}PSC\acute{I}P\gg P\ddot{e}.$

**P_αP°C_βPjP°PePsC,PμC_βP°PiPμPIC,PëC±PSP°PiC_βCíPiP°. P_πC_βPsC,PëPjC-PeC_βPsP±PSC-
P·P°CÍPsP±Pë PrP»C_β CÍPëCÍC,PμPjPSPsPiPs P·P°CÍC,PsCÍCíPIP°PSPSC_β. P'PμC,P°-
P»P°PeC,P°PjPSC- P°PSC,PëP±C-PsC,PëPePë. P_γPsPr P_hPÿPΓ J01D Pÿ02.**

PαP°C₇PjP°PePsP»PsPiC-C≠PSC- PIP»P°C₇C,PëPIP_sC₇C,C-.

$$P\propto P^{\circ}C\eta PjP^{\circ}P\epsilon P s P\tau P\ddot{e}PSP^{\circ}PjC-P\epsilon P^{\circ}.$$

$P_i P_\mu C_{,,} C_r C_{\overline{H}} P_s P_e C_{\overline{I}} P_{\overline{e}} P_j C_r P^\circ P_e C_{\overline{I}} P_\mu C, P_{\overline{e}} P \gg B_{\overline{H}} \text{ " } P_i P_\mu C_{\overline{H}} P_s C_{\overline{H}} P^\circ P \gg C_{\overline{H}} P S P^\circ C_{,,} P_s C_{\overline{H}} P_j P^\circ$
 $P \pm P^\circ P_e C, P_\mu C_{\overline{H}} P_{\overline{e}} C_{\overline{I}} P_{\overline{e}} P_r P S P_s P_i P_s C_{\overline{I}} P_\mu C_{,,} P^\circ P \gg P_s C_{\overline{I}} P_i P_s C_{\overline{H}} P_{\overline{e}} P S P_s P_i P_s$
 $P^\circ P S C, P_{\overline{e}} P \pm C - P_s C, P_{\overline{e}} P_e P^\circ C_{\overline{I}} P_\mu C_{,,} C_r C_{\overline{H}} P_s P_e C_{\overline{I}} P_{\overline{e}} P_j C_r, C_{\overline{I}} P_e P_{\overline{e}} P_{\overline{N}} C \text{ " } C_{\overline{I}} C, C - P_{\overline{N}} P_e P_{\overline{e}} P_j P_r P_s$
 $P_r C - C - P \pm C - P \gg C_{\overline{H}} C_{\overline{e}} P_s C_{\overline{I}} C, C - P \pm P_\mu C, P^\circ - P \gg P^\circ P_e C, P^\circ P_j P^\circ P \cdot C, P^\circ P_i P_{\overline{e}} C_{\overline{I}} P_i P \gg C_{\overline{I}} C \text{ "}$
 $P^\circ P_e C, P_{\overline{e}} P_i P S C - C_{\overline{I}} C, C_{\overline{H}} P_i C_{\overline{H}} P_s C, P_{\overline{e}} C_{\overline{e}} P_{\overline{e}} C_{\overline{H}} P_s P_e P_s P_i P_s C_{\overline{I}} P_i P_\mu P_e C, C_{\overline{H}} P^\circ$
 $P_i C_{\overline{H}} P^\circ P_j P_i P_s P \cdot P_{\overline{e}} C, P_{\overline{e}} P_i P S P_{\overline{e}} C \dots C, P^\circ P_i C_{\overline{H}} P^\circ P_j P S P_\mu P_i P^\circ C, P_{\overline{e}} P_i P S P_{\overline{e}} C \dots$
 $P_j C - P_e C_{\overline{H}} P_s P_s C_{\overline{H}} P_i P^\circ P S C - P \cdot P_j C - P_i.$

P°P°PeC, PμCḡPēC†PēPrPSP° PrC-Cḡ C†PμC,,CḡCḡPsPeCḡPēPjCḡ C” CḡPμP·CḡP»CHC,P°C,PsPj
PḡCḡPēPiPSC-C†PμPSPSCḡ CḡPēPSC,PμP·Cḡ PeP»C-C,PēPSPSPsC— PsP±PsP»PsPSPePē
PjC-PeCḡPsPsCḡPiP°PSC-P·PjC-PI.

PḡP°P±CḡC,P° CḡPμP·PēCḡC,PμPSC,PSC-CḡC,CH PrPs P°PSC,PēP±C-PsC,PēPeP°
PIC-PrCḡC-P·PSCḡC”C,CHCḡCḡ Cḡ CḡC-P·PSPēC... CḡPμPiC-PsPSP°C... C,P° PjPsPḡPμ
P·PjC-PSCḡPiP°C,PēCḡCḡ P· C†P°CḡPsPj, P° PrP»Cḡ PsPeCḡPμPjPēC... CēC,P°PjC-PI PjPsPḡPμ
PIC-PrCḡC-P·PSCḡC,PēCḡCH CḡCḡC,C,C”PIPs. P°P°PḡP°PSPs P·P° PSP°CḡPIPSsCḡC,C-
P·PiPμCḡPSCḡC,PēCḡCḡ PrPs PjC-CḡC†PμPiPēC... PrP°PSPēC... P· C†CḡC,P»PēPiPsCḡC,C- PrPs
P°PSC,PēP±C-PsC,PēPeP°, PsCḡPsP±P»PēPiPs PḡCḡPē P»C-PeCḡPiP°PSPSC- C,CḡPḡPePēC...
C-PSC,,PμPeC†C-PNḡ.

PjPμC,,CḡCḡPsPeCḡPēPj P·P°P·PiPēC†P°PNḡ PjP°C” P°PeC,PēPiPSC-CḡC,CH PIC-PrPSPsCḡPSPs
C,P°PePēC... PjC-PeCḡPsPsCḡPiP°PSC-P·PjC-PI *in vitro*:

PḡCḡC,P»PēPIC- PjC-PeCḡPsPsCḡPiP°PSC-P·PjPē:

P”CḡP°PjPiPsP·PēC,PēPiPSC- P°PμCḡPsP±Pē:

Staphylococcus aureus (PjPμC,PēC†PēP»C-PSC†CḡC,P»PēPIC-)*

PḡPsP°PiCḡP»P°P·PsPSPμPiP°C,PēPiPSPēPNḡ

CḡC,P°C,,C-P»PsPePsPe (PjPμC,PēC†PēP»C-PSC†CḡC,P»PēPiPēPNḡ)

Streptococcus pyogenes

Streptococcus agalactiae

P”CḡP°PjPSPμPiP°C,PēPiPSC- P°PμCḡPsP±Pē:

Haemophilus influenzae

Haemophilus parainfluenzae

Moraxella catarrhalis

PḡPiC-CḡPsC...PμC,Pē:

Borrelia burgdorferi

PḡC-PeCḡPsPsCḡPiP°PSC-P·PjPē, PSP°P±CḡC,P°

CḡPμP·PēCḡC,PμPSC,PSC-CḡC,CH CḡPePēC... PjPsPḡPμ CḡC,P°PSPsPiPēC,Pē

PḡCḡPsP±P»PμPjCḡ:

P”CḡP°PjPiPsP·PēC,PēPiPSC- P°PμCḡPsP±Pē:

Streptococcus pneumoniae

P”CḡP°PjPSPμPiP°C,PēPiPSC- P°PμCḡPsP±Pē:

Citrobacter freundii

Enterobacter aerogenes

Enterobacter cloacae

Escherichia coli

Klebsiella pneumoniae

Proteus mirabilis

CēC,P°PjPē *Proteus* (C-PSCēC- PSC-Pḡ *P. vulgaris*)

CēC,P°PjPē *Providencia*

P”CḡP°PjPiPsP·PēC,PēPiPSC- P°PSP°PμCḡPsP±Pē:

CēC,P°PjPē *Peptostreptococcus*

CēC,P°PjPē *Propionibacterium*

P”CḡP°PjPSPμPiP°C,PēPiPSC- P°PSP°PμCḡPsP±Pē:

CēC,P°PjPē *Fusobacterium*

CēC,P°PjPē *Bacteroides*

P PμP·PēCḡC,PμPSC,PSC- PjC-PeCḡPsPsCḡPiP°PSC-P·PjPē:

P°CHP°PjP̄PsP·P̄eC,P̄ePIPSC- P°PμCHPsP±P̄e:

Enterococcus faecalis

Enterococcus faecium

P°CHP°PjPSPμPiP°C,P̄ePIPSC- P°PμCHPsP±P̄e:

C̄eC,P°PjP̄e *Acinetobacter*.

C̄eC,P°PjP̄e *Campylobacter*

Morganella morganii

Proteus vulgaris

Pseudomonas aeruginosa

Serratia marcescens

P°CHP°PjPSPμPiP°C,P̄ePIPSC- P°PSP°PμCHPsP±P̄e:

Bacteroides fragilis

P†PSC̄eC-:

C̄eC,P°PjP̄e *Chlamydia*

C̄eC,P°PjP̄e *Mycoplasma*

C̄eC,P°PjP̄e *Legionella*

*P°C̄fC- PjPμC,P̄eC†P̄eP»C-PSC̄HjPμP·P̄eC̄fC,PμPSC,PSC- *S. aureus* C" PSPμC†C̄fC,P»P̄ePIP̄ePjP̄e
PrPs C†PμC,,C̄fCHjPsPeC̄fP̄ePjC̄f.

PαP°CHjPjP°PePsPeC-PSPμC,P̄ePeP°.

PμC-C̄fP»C̄f P̄iPμCHjPsCHjP°P»CH̄PSPsPiPs P·P°C̄fC,P̄sC̄fC̄fPIP°PSPSC̄f
C†PμC,,C̄fCHjPsPeC̄fP̄ePjC̄f P°PeC̄fPμC,P̄eP» P°P±C̄fPsCHjP±C̄fC"C,CH̄C̄fC̄f PI
PeP̄eC̄ePμC†PSP̄ePeC̄f, PiC-PrCHjPsP»C-P·C̄fC"C,CH̄C̄fC̄f PSP C̄fP»P̄eP·PsPIC-PN̄e
PsP±PsP»PsPSC†C- PsC̄fC,P°PSPSCH̄PsPiPs C- C̄f PIP̄ePiP»C̄fPrC- C†PμC,,C̄fCHjPsPeC̄fP̄ePjC̄f
P̄iPsC,CHjP°P̄iP»C̄fC" PI PeCHjPsPIP̄sPsP±C-Pi.

P—P°C̄fPIP̄sC"PSPSC̄f C̄fC̄fC̄fP̄iPμPSP·C-C— P—C-PSPSP°C, P̄iC-PrPIP̄eC%oC̄fC"C,CH̄C̄fC̄f
P̄iCHjP̄e PsPrPSPsC†P°C̄fPSPsPjC̄f P̄iCHjP̄ePN̄ePsPjC- P·C—P¶PμCH. P C-PIPμPSCH̄
P°P±C̄fPsCHjP±C†C-C— C̄fC̄fC̄fP̄iPμPSP·C-C— C†PμC,,C̄fCHjPsPeC̄fP̄ePjC̄f PSP̄eP¶C†P̄ePN̄e,
PSC-P¶ C̄f C,P°P±P»PμC,P̄sPe, C%oPs P̄iCHjP̄eP·PIPsPrP̄eC,CH̄ PrPs PSP̄eP¶C†PsPiPs CHjC-PIPSC̄f
P̄iCHjPμP̄iP°CHjP°C,C̄f PI P̄iP»P°P·PjC- PeCHjPsPIC- C,P° P·PjPμPSC̄ePμPSPsC—
C̄fP̄eC̄fC,PμPjPSPsC— P±C-PsPrPsC̄fC,C̄fP̄iPSPsC̄fC,C-. P̄hP°PeC̄fP̄ePjP°P»CH̄PSP̄ePN̄e
CHjC-PIPμPSCH̄ C†PμC,,C̄fCHjPsPeC̄fP̄ePjC̄f PI C̄fP̄eCHjPsPIP°C,C†C- PeCHjPsPIC-
C̄fP̄iPsC̄fC,PμCHjC-PiP°C"C,CH̄C̄fC̄f P̄iCHjP̄eP±P»P̄eP·PSPs C†PμCHjPμP· 2 бґ" 3 PiPsPrP̄ePSP̄e
P̄iC-C̄fP»C̄f P·P°C̄fC,P̄sC̄fC̄fPIP°PSPSC̄f P̄iCHjPμP̄iP°CHjP°C,C̄f. PμPμCHjC-PsPr
PSP°P̄iC-PIPIP̄ePIPμPrPμPSPSC̄f P̄iCHjPμP̄iP°CHjP°C,C̄f
C̄fC,P°PSPsPIP̄eC,CH̄ P̄iCHjP̄eP±P»P̄eP·PSPs 1-1,5 PiPsPrP̄ePSP̄e. P C-PIPμPSCH̄
P·Piбґ™ C̄fP·C̄fPIP°PSPSC̄f P· P±C-P»PeP°PjP̄e бґ" 33-55% P·P°P»PμP¶PSPs PIC-Pr
PjPμC,P̄sPrP̄ePeP̄e PIP̄eP·PSP°C†PμPSPSC̄f. P̄iPμC,,C̄fCHjPsPeC̄fP̄ePj PIP̄ePrC-P»C̄fC"C,CH̄C̄fC̄f
PSP̄eCHjPeP°PjP̄e C̄f PSPμP·PjC-PSPμPSPsPjC̄f C̄fC,P°PSC- C̄eP»C̄fC...PsPj
PeP°PSP°P»CH̄C†PμPIP̄sC— C̄fPμPeCHjPμC†C-C— C,P° PeP»C̄fP±PsC†PePsPIP̄sC—
C,,C-P»CH̄C,CHjP°C†C-C—.

P̄hPrPSPsC†P°C̄fPSPμ P·P°C̄fC,P̄sC̄fC̄fPIP°PSPSC̄f P̄iCHjPsP±PμPSPμC†P̄ePrC̄f
P·P±C-P»CH̄C̄eC̄fC" P̄iP»PsC%oC̄f P̄iC-Pr PeCHjP̄ePIP̄sCH̄ C̄fPμCHjPμPrPSCH̄PsC—
C̄fP̄eCHjPsPIP°C,PePsPIP̄sC— PePsPSC†PμPSC,CHjP°C†C-C— PSP° 50%.

P C-PIPμPSCH̄ C†PμC,,C̄fCHjPsPeC̄fP̄ePjC̄f PI C̄fP̄eCHjPsPIP°C,C†C- PeCHjPsPIC-
P·PjPμPSC̄eC̄fC"C,CH̄C̄fC̄f PIPSP°C̄fP»C-PrPsPe PrC-P°P»C-P·C̄f.

C,,P»PsCḡCṛ PePëC€PμC‡PSPëPeCṛ, PIPSP°CṛP»C-PrPsPe C‡PsPiPs PjPsP¶P»PëPIPμ
P·PjPμPSC€PμPSPSCḷ CḡPμP°P±CṛPsCḡP±C‡C-C— PμCṛC,CḡPsPiPμPSC-PI C,P°
P·PSPëP¶PμPSPSCḷ PμC,,PμPeC,PëPIPSsCṛC,C- PePsPjP±C-PSPsPIP°PSPëC...
PïPμCḡPsCḡP°P»CḡPSPëC... PePsPSC,CḡP°C‡PμPïC,PëPIPSpëC... P·P°CṛPsP±C-PI.

PhCṛPeC-P»CḡPePë PïCḡPë C,,PμCḡPsC‡C-P°PSC-PrPSPsPjCṛ C,PμCṛC,C- PjPsP¶Pμ
CṛPiPsCṛC,PμCḡC-PiP°C,PëCṛCḷ PïCṛPμPIPrPsPSPμPiP°C,PëPIPSpëP№ CḡPμP·CṛP»CḡC,P°C,,
PrP»Cḷ PIPëP·PSP°C‡PμPSPSCḷ CḡC-PIPSḷ PiP»CḡPePsP·Pë PI PeCḡPsPIC- C,P° PïP»P°P·PjC-
Cṛ PïP°C‡C-C”PSC,C-PI, C%Ps P»C-PeCṛCḡC,CḡCṛCḷ C‡PμC,,CṛCḡPsPeCṛPëPjCṛ
P°PeCṛPμC,PëP»PsPj, CḡPμPePsPjPμPSPrCṛC”C,CḡCṛCḷ PIPëPePsCḡPëCṛC,PsPICṛPIP°C,Pë
PiP»CḡPePsP·PsPsPeCṛPëPrP°P·PSCṛ P°P±Ps PiPμPeCṛPsPeC-PSP°P·PSCṛ
PjPμC,PsPrPëPeCṛ. PjPμC,,CṛCḡPsPeCṛPëPj PSPμ PIPïP»PëPIP°C” PSP° P»CṛP¶PSPs-
PiC-PeCḡP°C,PSPëP№ P°PSP°P»C-P· PIPëP·PSP°C‡PμPSPSCḷ PeCḡPμP°C,PëPSC-PSCṛ.

PhPrPSPsC‡P°CṛPSPμ P·P°CṛC,PsCṛCṛPIP°PSPSCḷ P· PïCḡPsP±PμPSPμC‡PëPrPsPj
PïCḡPëP·PIPsPrPëC,Cḡ PrPs P·PSP°C‡PSPsPiPs P·PjPμPSC€PμPSPSCḷ PïPsPeP°P·PSPëPeC-PI
PjP°PeCṛPëPjP°P»CḡPSPsC— PePsPSC‡PμPSC,CḡP°C‡C-C—, PïP»PsC%C- PïC-Pr
PeCḡPëPIPsCḡ B«PePsPSC‡PμPSC,CḡP°C‡C-Cḷ PI CṛPëCḡPsPIP°C,C‡C- Bḡ” C‡P°CṛB» C-
PïPμCḡC-PsPrCṛ PSP°PiC-PICḡPsP·PïP°PrCṛ C‡PμC,,CṛCḡPsPeCṛPëPjCṛ. PÿPsPjCṛ
PsPrPSPsC‡P°CṛPSPμ P·P°CṛC,PsCṛCṛPIP°PSPSCḷ P· PïCḡPsP±PμPSPμC‡PëPrPsPj PSPμ
CḡPμPePsPjPμPSPrCṛC”C,CḡCṛCḷ.

PhPrPSPsC‡P°CṛPSPμ P·P°CṛC,PsCṛCṛPIP°PSPSCḷ P· PïPμCḡPsCḡP°P»CḡPSPëPjPë
P°PSC,PëPePsP°PiCṛP»CḷPSC,P°PjPë PjPsP¶Pμ PïCḡPëP·PIPμCṛC,Pë PrPs
PïC-PrPIPëC%PμPSPSCḷ PïPsPeP°P·PSPëPeP° PḡPḲP’ (PjC-P¶PSP°CḡPsPrPSPsPiPs
PSPsCḡPjP°P»C-P·PsPIP°PSPsPiPs PIC-PrPSPsC€PμPSPSCḷ).

P C-PIPμPSCḡ C‡PμC,,CṛCḡPsPeCṛPëPjCṛ Cṛ CṛPëCḡPsPIP°C,C‡C- PeCḡPsPIC-
P·PjPμPSC€CṛC”C,CḡCṛCḷ C€P»CḷC...PsPj PïCḡPsPIPμPrPμPSPSCḷ PrC-P°P»C-P·Cṛ.

PμCḡPë P»C-PeCṛPIP°PSPSC- C‡PμC,,P°P»PsCṛPiPsCḡPëPSP°PjPë PïPsPIC-PrPsPjP»CḷP»PsCṛCḷ
PïCḡPs PïPsP·PëC,PëPIPSpëP№ C,PμCṛC, PḡCṛPjP±CṛP°. PjPμP№ C,,PμPSPsPjPμPS PjPsP¶Pμ
PIPïP»PëPIP°C,Pë PSP° PïPμCḡPμC...CḡPμCṛPSCṛ PïCḡPsP±Cṛ PSP° CṛCṛPjC-CṛPSC-CṛC,Cḡ
PeCḡPsPIC-.

PhCṛPsP±P»PëPIPsCṛC,C- P·P°CṛC,PsCṛCṛPIP°PSPSCḷ.

P PμP°PeC‡C-C— PiC-PïPμCḡC‡CṛC,P»PëPIPsCṛC,C-

PhCṛPsP±P»PëPIPsC— PsP±PμCḡPμP¶PSPsCṛC,C- PïPsC,CḡC-P±PSPs
PrPsC,CḡPëPjCṛPIP°C,PëCṛCḷ PïCḡPë PSP°CḷPIPSsCṛC,C- Cṛ PïP°C‡C-C”PSC,C-PI PI
P°PSP°PjPSPμP·C- P°P»PμCḡPiC-C‡PSPsC— CḡPμP°PeC‡C-C— PSP° PïPμPSC-C‡PëP»C-PSPë
P°P±Ps C-PSC€C- P±PμC,P°-P»P°PeC,P°PjPSC- P°PSC,PëP±C-PsC,PëPePë, PsCṛPeC-P»CḡPePë
C-CṛPSCṛC” CḡPëP·PëPe PïPsCḷPIPë PïPμCḡPμC...CḡPμCṛPSPsC— C‡CṛC,P»PëPIPsCṛC,C-. PïPe
C- PïCḡPë P·P°CṛC,PsCṛCṛPIP°PSPSC- CṛCṛC-C... P±PμC,P°-P»P°PeC,P°PjPSPëC...
PïCḡPsC,PëPjC-PeCḡPsP±PSPëC... P»C-PeP°CḡCṛCḡPePëC... P·P°CṛPsP±C-PI, P±CṛP»Pë
P·P°C,,C-PeCṛPsPIP°PSC- CṛPμCḡPμP№PsP·PSC- C,P° C-PSPsPrC- P»PμC,P°P»CḡPSC-
PIPëPïP°PrPePë CḡPμP°PeC‡C-P№ PiC-PïPμCḡC‡CṛC,P»PëPIPsCṛC,C-.
PμPsPIC-PrPsPjP»CḷP»PsCṛCḷ PïCḡPs CḡPμP°PeC‡C-C— PiC-PïPμCḡC‡CṛC,P»PëPIPsCṛC,C-,
CḷPeC- PïCḡPsPiCḡPμCṛCṛPIP°P»Pë PrPs CṛPëPSPrCḡPsPjCṛ PḡCṛPSC-CṛP° Bḡ”

PiPsCfC, C7PsPiPs P°P»PμC7PiC-C±PSPsPiPs PePsC7PsPSP°C7PSPsPiPs
P°C7C, PμC7C-PsCfPiP°P·PjCf, C7PePēPNē PjPsP¶Pμ PiC7PēP·PiPμCfC, Pē PrPs
C-PSC,, P°C7PeC, Cf PjC-PsPeP°C7PrP° (PrPēPI. C7PsP·PrC-P» B«PμPsP±C-C±PSC-
C7PμP°PeC†C-C-B»). Pj C7P°P·C- PiPsC7PiPē C, C7P¶PePēC...
C7PμP°PeC†C-PNē PiC-PiPμC7C†CfC, P»PēPiPsCfC, C- P»C-PeCfPiP°PSPSC7
C†PμC,, CfC7PsPeCfPēPjPsPj CfP»C-Pr PSPμPiP°PNēPSPs PiC7PēPiPēPSPēC, Pē C, P° PSP°PrP°C, Pē
PiP°C†C-C°PSC, Cf PIC-PrPiPsPIC-PrPSCf PSPμPIC-PrPeP»P°PrPSCf PjPμPrPēC±PSCf
PrPsPiPsPjPsPiCf.

PμPμC7PμPr PiPsC±P°C, PePsPj C, PμC7P°PiC-C— PSPμPsP±C...C-PrPSPs PiPēP·PSP°C±PēC, Pē,
C±Pē CfPiPsCfC, PμC7C-PiP°P»PēCfC7 Cf PiP°C†C-C°PSC, P° PI PjPēPSCfP»PsPjCf C, C7P¶PeC-
C7PμP°PeC†C-C— PiC-PrPiPēC%PμPSPsC— C±CfC, P»PēPiPsCfC, C- PrPs
C†PμC,, CfC7PsPeCfPēPjCf, C-PSCēPēC... C†PμC,, P°P»PsCfPiPsC7PēPSC-PI P°P±Ps P±PμC, P°-
P»P°PeC, P°PjPSPēC... P»C-PeP°C7CfCHPePēC... P·P°CfPsP±C-PI C-PSCēPēC... C, PēPiC-PI.
PiPμC,, CfC7PsPeCfPēPj CfP»C-Pr P· PsP±PμC7PμP¶PSC-CfC, C7 PiC7PēP·PSP°C±P°C, Pē
PiP°C†C-C°PSC, P°Pj, C7PeC- PI P°PSP°PjPSPμP·C- PjP°C7C, CH PiPēPiP°PrPePē
PSPμC, C7P¶PePēC... C7PμP°PeC†C-PNē PiC-PrPiPēC%PμPSPsC— C±CfC, P»PēPiPsCfC, C- PrPs
C-PSCēPēC... P±PμC, P°-P»P°PeC, P°PjPSPēC... P»C-PeP°C7CfCHPePēC... P·P°CfPsP±C-PI.

PkCfPsP±P»PēPiPsC— PsP±PμC7PμP¶PSPsCfC, C- PiPsC, C7C-P±PSPs
PrPsC, C7PēPjCfPiP°C, PēCfC7 PiC7Pē PSP°C7PiPSPsCfC, C- Cf PiP°C†C-C°PSC, C-PI PI
P°PSP°PjPSPμP·C- P°P»PμC7PiC-C±PSPsC— C7PμP°PeC†C-C— PSP° PiPμPSC-C†PēP»C-PSPē
P°P±Ps C-PSCēC- P±PμC, P°-P»P°PeC, P°PjPSC- P°PSC, PēP±C-PsC, PēPePē.

P—P°CfC, PsCfCfPiP°PSPSC7 C†PμC,, CfC7PsPeCfPēPjCf P°PeCfPμC, PēP»Cf (C, P°Pe CfP°PjPs,
C7Pe PNē C-PSCēPēC... P°PSC, PēP±C-PsC, PēPeC-PI) PjPsP¶Pμ PiC7PēP·PiPμCfC, Pē PrPs
PSP°PrPjC-C7PSPsPiPs C7PsCfC, Cf Candida. P7C7PēPiP°P»Pμ P·P°CfC, PsCfCfPiP°PSPSC7
PjPsP¶Pμ C, P°PePsP¶ PiC7PēP·PiPμCfC, Pē PrPs PSP°PrPjC-C7PSPsPiPs C7PsCfC, Cf
C-PSCēPēC... PSPμC±CfC, P»PēPiPēC... PjC-PeC7PsPsC7PiP°PSC-P·PjC-PI
(PSP°PiC7PēPeP»P°Pr Enterococci, Clostridium difficile), C%Ps PjPsP¶Pμ, Cf CfPiPsC7
C±PμC7PiCf, PiPēPjP°PiP°C, Pē PiC7PēPiPēPSPμPSPSC7 P»C-PeCfPiP°PSPSC7.

PμC7Pē P·P°CfC, PsCfCfPiP°PSPSC- P°PSC, PēP±C-PsC, PēPeC-PI PjPsP¶Pμ
C7PsP·PiPēPSCfC, PēCfC7 PiCfPμPiPrPsPjPμPjP±C7P°PSPsP·PSPēPNē PePsP»C-C, PIC-Pr
P»PμPiPePsC— C,, PsC7PjPē PrPs P·P°PiC7PsP·P»PēPiPsC— PrP»C7 P¶PēC, C, C7. P7PsPjCf
PiP°P¶P»PēPiPs PjP°C, Pē C†Pμ PSP° CfPiP°P·C-, C7PeC%Ps Cf PiP°C†C-C°PSC, C-PI
PiPēPSPēPeP°C° PrC-P°C7PμC7 PiC-Pr C±P°Cf P°P±Ps PiC-CfP»C7
P°PSC, PēP±P°PeC, PμC7C-P°P»CHPSPsC— C, PμC7P°PiC-C—. PīPeC%Ps PiPēPSPēPeP°C°
C, C7PēPiP°P»P° P°P±Ps PiPēC7P°P¶PμPSP°
PrC-P°C7PμC7 P°P±Ps PiP°C†C-C°PSC, PIC-PrC±CfPiP°C° C7C-P·PePēPNē
PiPμC7PμPNēPjPsPiPsPrC-P±PSPēPNē P±C-P»CH Cf P¶PēPiPsC, C-, P»C-PeCfPiP°PSPSC7
PiPsC, C7C-P±PSPs PSPμPiP°PNēPSPs PiC7PēPiPēPSPēC, Pē, P° PiP°C†C-C°PSC, P° B7
C7PμC, PμP»CHPSPs PsP±CfC, PμP¶PēC, Pē.

P°Ps CfPeP»P°PrCf PiC7P°PSCfP» PrP»C7 PiC7PēPiPsC, CfPiP°PSPSC7
CfCfCfPiPμPSP·C-C— PIC...PsPrPēC, CH CfP°C...P°C7PsP·P°, C%Ps CfP»C-Pr
PiC7P°C...PsPICfPiP°C, Pē PiC7Pē PiC7PēP·PSP°C±PμPSPSC- PiC7PμPiP°C7P°C, Cf
C...PiPsC7PēPj PSP° C†CfPeC7PsPiPēPNē PrC-P°P±PμC,, P°C7P°PSCfP»Pē PrP»C7
PiC7PēPiPsC, CfPiP°PSPSC7 CfCfCfPiPμPSP·C-C— PrP»C7 PiPμC7PsC7P°P»CHPSPsPiPs
P·P°CfC, PsCfCfPiP°PSPSC7 PiPs 125 PjPi/5 PjP» PjC-CfC, C7C, CH 3 Pi CfP°C...P°C7PsP·Pē PSP°
PrPsP·Cf 5 PjP». P°C7P°PSCfP»Pē PrP»C7 PiC7PēPiPsC, CfPiP°PSPSC7 CfCfCfPiPμPSP·C-C—
PrP»C7 PiPμC7PsC7P°P»CHPSPsPiPs P·P°CfC, PsCfCfPiP°PSPSC7 PiPs

250 PjPi/5 PjP» PjC-ClC,CjC,CH 2,3 Pi ClP°C...P°CjPsP·Pë PSP° PrPsP·Cr 5 PjP».

PuC-Pr CþP°CÍ P»C-PeCrPIP°PSPSCj P—C-PSPSP°C,PsPj C...PIPsCjPsP±Pë P·P°PNëPjP°
ClPiPsClC,PuCjC-PiP°P»P°CÍCl CjPuP°PeCtC-Cl
PíCjPëCëP° Bñ“ P“PuCjPeClPiPuPNëPjPuCjP°, ClPeP° PIPëPSPëPeP°P»P°
P±PuP·PiPsClPuCjPuPrPSCjPs PIPSP°ClP»C-PrPsPe P±P°PeC,PuCjPëCtPëPrPSPsC— PrC-C—
P—C-PSPSP°C,Cl PSP° PjC-PeCjPsPsCjPiP°PSC-P·Pj, C%Ps ClPíCjPëCtPëPSCjC”
C...PIPsCjPsP±Cr P·P°PNëPjP°, Bñ“ ClPiC-CjPsC...PuC,Cl *Borrelia burgdorferi*. PuP°CtC-C”PSC,
PiPsPIPëPSPµPS P·PSP°C,Pë, C%Ps CtPu CþP°CÍC,Pu ClPIPeC%Pu PíCjPë
P°PSC,PëP±C-PsC,PëPePsC,PuCjP°PiC-C— C...PIPsCjPsP±Pë P·P°PNëPjP°, ClPePu PSPµ
PiPsC,CjPuP±CrC” P»C-PeCrPIP°PSPSCj.

P”Ps ClPeP»P°PrCr ClCrClPiPuPSP·C— PIC...PsPrPëC,CH P°ClPiP°CjC,P°Pj, C%Ps C”
PrP¶PuCjPuP»PsPj C,,PuPSC-P»P°P»P°PSC-PSCr, C- C,PsPjCr PNëPsPiPs PSPµ ClP»C-Pr
P·P°CÍC,PsClPsPICrPIP°C,Pë PrP»Cl P»C-PeCrPIP°PSPSCj C...PIPsCjPëC... PSP°
C,,PuPSC-P»PePuC,PsPSCrCjC-CH.

PuCjPë PíCjPsPIPµPrPuPSPSC- PiPsClP»C-PrPsPIPSPsC— C,PuCjP°PiC-C— CþP°CÍ P·PjC-PSPë
PiP°CjPuPSC,PuCjP°P»CHPSPsC— C,PuCjP°PiC-C— PSP° PiPuCjPsCjP°P»CHPSCr
PIPëP·PSP°CþP°C”C,CHClCj C,ClP¶PeC-ClC,CH C-PSC,,PuPeCtC-C—, PeP»C-PSC-CþPSPëPj
ClC,P°PSPsPj PiP°CtC-C”PSC,P° C,P° CþCrC,P»PëPIC-ClC,CH PiP°C,PsPiPuPSPSPsPiPs
PjC-PeCjPsPsCjPiP°PSC-P·PjCr. PuCjPë PIC-PrClCrC,PSPsClC,C- PeP»C-PSC-CþPSPsPiPs
PiPsPeCjP°C%P°PSPSCj PíCjPsC,ClPiPsPj 72 PiPsPrPëPS PiP°CjPuPSC,PuCjP°P»CHPSCr
C,PuCjP°PiC-CH ClP»C-Pr PíCjPsPrPsPIP¶CrPIP°C,Pë. PuPuCjPuPr PiPsCþP°C,PePsPj
PíCjPsPIPµPrPuPSPSCj PiPsClP»C-PrPsPIPSPsC— C,PuCjP°PiC-C— ClP»C-Pr
PsP·PSP°PNëPsPjPëC,PëClCj P· PIC-PrPiPsPIC-PrPSPsC C-PSCrC,CjCrPeCtC-C”CH PrP»Cl
PjPuPrPëCþPSPsPiPs P·P°CÍC,PsClCrPIP°PSPSCj CtPuC,,CrCjPsPeClPëPjCr PSP°C,CjC-CH.

PÿClP¶PeC- CëPeC-CjPSC- PiPsP±C-CþPSC- CjPuP°PeCtC-C— (PÿPëPuP)

PÿClP¶PeC- CëPeC-CjPSC- PiPsP±C-CþPSC- CjPuP°PeCtC-C—, PIPeP»CHCþP°CHCþPë
ClPëPSPrCjPsPj PÿC,C-PIPuPSCrP° Bñ“ P”P¶PsPSCrPsPSP° (PÿPÿP”), C,PsPeClPëCþPSPëPNë
PuPiC-PrPuCjPjP°P»CHPSPëPNë PSPµPeCjPsP»C·P· (PÿP·Pá) C,P° DRESS-ClPëPrCjPsPj,
ClPeC- PjPsP¶CrC,CH P±CrC,Pë PSPµP±PuP·PiPuCþPSPëPjPë PrP»Cl P¶PëC,C,Cl P°P±Ps
PjP°C,Pë P»PuC,P°P»CHPSPëPNë PSP°ClP»C-PrPsPe, P±CrP»Pë P·P°CjPuC”ClC,CjPsPIP°PSC-
Cr P·PiBñ™ ClP·PeCr P· P»C-PeCrPIP°PSPSCjPj CtPuC,,CrCjPsPeClPëPjPsPj (PrPëPI.
CjPsP·PrC-P» B«PuPsP±C-CþPSC- CjPuP°PeCtC-C—B»).

PuC-Pr CþP°CÍ PíCjPëP·PSP°CþPuPSPSCj P»C-PeP°CjClCHPePsPiPs P·P°CÍPsP±Cr
PiP°CtC-C”PSC,P° ClP»C-Pr PíCjPsC-PSC,,PsCjPjCrPIP°C,Pë PíCjPs PsP·PSP°PePë C,P°
ClPëPjPiC,PsPjPë PIPëC%PuP·P°P·PSP°CþPuPSPëC... CëPeC-CjPSPëC... CjPuP°PeCtC-PNë C-
CjPuC,PuP»CHPSPs ClPiPsClC,PuCjC-PiP°C,Pë P·P° ClC,P°PSPsPj PiP°CtC-C”PSC,P°
C%PsPrPs C—C... PIPëPSPëPePSPµPSPSCj. PiPeC%Ps P·Bñ™ ClPIP»ClCjC,CHClCj
PsP·PSP°PePë C,P° ClPëPjPiC,PsPjPë, C%Ps PIPeP°P·CrCHC,CH PSP° CtC- CjPuP°PeCtC-C—,
CtPuC,,CrCjPsPeClPëPj ClP»C-Pr PSPµPiP°PNëPSPs PIC-PrPjC-PSPëC,Pë C,P°
CjPsP·PiP»ClPSCrC,Pë P°P»CHC,PuCjPSP°C,PëPIPSµ P»C-PeCrPIP°PSPSCj. PiPeC%Ps Cr
PiP°CtC-C”PSC,P° PíCjPë P·P°CÍC,PsClCrPIP°PSPSC- CtPuC,,CrCjPsPeClPëPjCr
CjPsP·PIPëPSCrP»P°CÍCl ClPuCjPNëPsP·PSP° CjPuP°PeCtC-Cl, C,P°PeP° ClPe PÿPÿP”,
PÿP·Pá P°P±Ps DRESS-ClPëPSPrCjPsPj, P»C-PeCrPIP°PSPSCj CtPuC,,CrCjPsPeClPëPjPsPj
PSPµ PjPsP¶PSP° PiPsPSPsPIP»CHPIP°C,Pë Cr CtCHPsPiPs PiP°CtC-C”PSC,P° PI P¶PsPrPSPsPjCr
CjP°P·C-.

*P—P°CÍC,PsCÍC¿PIP°PSPSCÍ C¿ PiPµCȚC-PsPr PIP°PiC-C,PSPsCÍC,C- P°P±Ps
PiPsPrC¿PIP°PSPSCÍ PiCȚC¿PrPrCȚ.*

P'P°PiC-C,PSC-CÍC,CH

P†CÍPSCÍCȚC,CH PsP±PjPµP¶PµPSC- PrP°PSC- C%PsPrPs P·P°CÍC,PsCÍCÍPIP°PSPSCÍ
C†PµC,,C†CȚPsPeCÍPëPjC† PIP°PiC-C,PSPëPj. P' PrPsCÍP»C-PrP¶PµPSPSCÍC... PSP°
C,PIP°CȚPëPSP°C... PSPµ PIPëCÍPIP»PµPSPs PSPµPiP°C,PëPIPSPsPiPs PIPiP»PëPICÍ
C†PµC,,C†CȚPsPeCÍPëPjC† P°PeCÍPµC,PëP»C† PSP° PIP°PiC-C,PSC-CÍC,CH, CȚPsP·PIPëC,PsPe
PµPjP±CȚC-PsPSP° C,P° PiP»PsPrP°, PiPsP»PsPiPë, PiPsCÍC,PSP°C,P°P»CHPSPëPNë
CȚPsP·PIPëC,PsPe PrPëC,PëPSPë PSPµPjP°C". P—C-PSPSP°C, CÍP»C-Pr PiCȚPëP·PSP°C†P°C,Pë
PIP°PiC-C,PSPëPj C,C-P»CHPePë C† CȚP°P·C-, CÍPeC%Ps PePsCȚPëCÍC,CH
P·P°CÍC,PsCÍCÍPIP°PSPSCÍ P»C-PeP°CȚCÍCHPePsPiPs P·P°CÍPsP±C† PiPµCȚPµPIP°P¶P°C"
PjPsP¶P»PëPIC- CȚPëP·PëPePë.

P"PsPrC†PIP°PSPSCÍ PiCȚC†PrPrCȚ

PiPµC,,C†CȚPsPeCÍPëPj PiCȚPsPSPëPeP°C" C† PiCȚC†PrPSPµ PjPsP»PsPePs C†
PSPµPIPµP»PëPePëC... PeC-P»CHPePsCÍC,CÍC.... PµCȚPë P·P°CÍC,PsCÍCÍPIP°PSPSC-
C,PµCȚP°PiPµPIC,PëC†PSPëC... PrPsP· P»C-PeP°CȚCÍCHPePsPiPs P·P°CÍPsP±C† PSPµ
PsC†C-PeC†C"C,CHCÍCÍ CȚPsP·PIPëC,PeC† PiPsP±C-C†PSPëC... CȚPµP°PeC†C-PNë, P°P»Pµ
PSPµ PjPsP¶PSP° PIPëPeP»CȚC†PëC,Pë CȚPëP·PëPe PiPsCÍPIPë PrC-P°CȚPµC— C†Pë
PiCȚPëP±PePsPiPsC— C-PSC,,PµPeC†C-C— CÍP»PëP·PsPiPëC... PsP±PsP»PsPSPsPe. PÿPsPjC† C†
P·PiBȚ™ CÍP·PeC† P· C†PëPjPë CȚPµP°PeC†C-CÍPjPë PjPsP¶Pµ P±C†C,Pë PiPsC,CȚC-P±PSPµ
PiCȚPëPiPëPSPµPSPSCÍ PiPsPrC†PIP°PSPSCÍ PiCȚC†PrPrCȚ. PÿP°PePsP¶ CÍP»C-Pr
PICȚP°C...PsPIC†PIP°C,Pë PjPsP¶P»PëPIC-CÍC,CH CÍPµPSCÍPëP±C-P»C-P·C†CȚC†PsC—
PrC-C— P»C-PeP°CȚCÍCHPePsPiPs P·P°CÍPsP±C†. PiPµC,,C†CȚPsPeCÍPëPj
PiCȚPëP·PSP°C†P°CȚC,CH PiC-Pr C†P°CÍ PiPsPrC†PIP°PSPSCÍ PiCȚC†PrPrCȚ C,C-P»CHPePë
PiC-CÍP»CÍ PsC†C-PSPëPë P»C-PeP°CȚPµPj CÍPiC-PIPIC-PrPSPsC€PµPSPSCÍ PePsCȚPëCÍC,C-
C,P° CȚPëP·PëPeC-PI PNëPsPiPs P·P°CÍC,PsCÍCÍPIP°PSPSCÍ.

PµPµCȚC,PëP»CHPSC-CÍC,CH

P'C-PrCÍCÍC,PSC- PrP°PSC- C%PsPrPs PIPiP»PëPICÍ C†PµC,,C†CȚPsPeCÍPëPjC†
P°PeCÍPµC,PëP»C† PSP° C,,PµCȚC,PëP»CHPSC-CÍC,CH C† P»CȚPrPëPSPë. Pj
PrPsCÍP»C-PrP¶PµPSPSCÍC... CȚPµPiCȚPsPrC†PeC,PëPIPSsC— C,,C†PSPeC†C-C— PSP°
C,PIP°CȚPëPSP°C... PSPµ P·P°C,,C-PeCÍPsPIP°PSPs PIPiP»PëPICÍ C†CHPsPiPs
P»C-PeP°CȚCÍCHPePsPiPs P·P°CÍPsP±C† PSP° C,,PµCȚC,PëP»CHPSC-CÍC,CH.

*P—PrP°C,PSC-CÍC,CH PIPiP»PëPIP°C,Pë PSP° C€PIPëPrPeC-CÍC,CH CȚPµP°PeC†C-C— PiCȚPë
PePµCȚC¿PIP°PSPSC- P°PIC,PsC,CȚP°PSCÍPiPsCȚC,PsPj P°P±Ps C-PSC€PëPjPë
PjPµC...P°PSC-P·PjP°PjPë.*

PħCÍPeC-P»CHPePë PiCȚPµPiP°CȚP°C, PjPsP¶Pµ PIPëPeP»PëPeP°C,Pë
P·P°PiP°PjPsCȚPsC†PµPSPSCÍ, PiP°C†C-C"PSC,C-PI CÍP»C-Pr PiPsPiPµCȚPµPrP¶P°C,Pë, C%Ps
PePµCȚC†PIP°C,Pë P°PIC,PsPjPsP±C-P»PµPj C- PiCȚP°C†CȚPIP°C,Pë P· C-PSC€PëPjPë
PjPµC...P°PSC-P·PjP°PjPë PiPsC,CȚC-P±PSPs P· PsP±PµCȚPµP¶PSC-CÍC,CȚ.

PŸPİPsCÍC-P± P·P°CÍC,PsCÍC¿PIP°PSPSCİ C,P° PrPsP·Pë.

PŞCrC,P»PëPIC-CÍC,CH PrPs P°PSC,PëP±C-PsC,PëPeCr PjC-PSCİC”C,CHCÍCİ PI
P·P°P»PµP¶PSPsCÍC,C- PIC-Pr CŸPµPiC-PsPSCr C,P° PjPsP¶Pµ P·PjC-PSCŸPIP°C,PëCÍCİ P·
C‡P°CÍPsPj. P—P° PSPµPsP±C...C-PrPSPsCÍC,C- CÍP»C-Pr P·PIPµCŸPSCrC,PëCÍCİ PrPs
PjC-CÍC†PµPIPëC... PrP°PSPëC... P· C‡CrC,P»PëIPsCÍC,C- PrPs P°PSC,PëP±C-PsC,PëPeP°.

P—PIPëC‡P°PN°PSP° C,CŸPëPIP°P»C-CÍC,CH P»C-PeCrPIP°PSPSCİ CÍC,P°PSPsPIPëC,CH 7
PrPSC-PI (PjPsP¶Pµ P±CrC,Pë PIC-Pr 5 PrPs 10 PrPSC-PI).

P”P»Cİ PeCŸP°C%PsPiPs P·P°CÍPIPsC”PSPSCİ PİCŸPµPİP°CŸP°C, Cr C,,PsCŸPjC-
CÍCrCÍPİPµPSP·C— CŸPµPePsPjPµPSPPrCrC”C,CHCÍCİ PİCŸPëPN°PjP°C,Pë PİC-Pr
C‡P°CÍ C—P¶C-.

P”PsP·CrPIP°PSPSCİ PİCŸPµPİP°CŸP°C,Cr PrP»Cİ PrPsCŸPsCÍP»PëC... C,P° PrC-C,PµPN°
P·P°P»PµP¶PSPs PIC-Pr C-PSC,,PµPeC†C-C— PSP°PIPµPrPµPSPs Cr C,P°P±P»PëC†CİC... 1, 2.

P”PsCŸPsCÍP»C- C,P° PrC-C,Pë

(³ 40 PePi)

PŸP°P±P»PëC†Cİ 1

PµPsPeP°P·P°PSPSCİ PrPs P·P°CÍC,PsCÍCrPIP°PSPSCİ P”PsCÍC,CŸPëPN° C,PsPSP·PëP»C-C, C- C,,P°CŸPëPSPiC-C,, PiPsCÍC,CŸPëPN° P±P°PeC,PµCŸC-P°P»CHPSPëPN° CÍPëPSCrCÍPëC, P”PsCÍC,CŸPëPN° CÍPµCŸPµPrPSC-PN° PsC,PëC, P—P°PiPsCÍC,CŸPµPSPSCİ C...CŸPsPSC-C‡PSPsPiPs P±CŸPsPSC...C-C,Cr PİPëCÍC,PëC, PµC-C”P»PsPSPµC,,CŸPëC, PķPµCrCÍPeP»P°PrPSPµPSC- C-PSC,,PµPeC†C-C— C€PeC-CŸPë C,P° PjᵇŸ™ CİPePëC... C,PeP°PSPëPS PİPIPSCŸPsP±P° P·P°PN°PjP°	P”PsP·P° 250 PjPi 2 CŸP°P·Pë PSP° PrPsP±Cr 500 PjPi 2 CŸP°P·Pë PSP° PrPsP±Cr 500 PjPi 2 CŸP°P·Pë PSP° PrPsP±Cr 250 PjPi 2 CŸP°P·Pë PSP° PrPsP±Cr 250 PjPi 2 CŸP°P·Pë PSP° PrPsP±Cr 250 PjPi 2 CŸP°P·Pë PSP° PrPsP±Cr 500 PjPi 2 CŸP°P·Pë PSP° PrPsP±Cr PİCŸPsC,CİPiPsPj 14 PrPSC-PI (C,PµCŸP°PİC-Cİ PjPsP¶Pµ C,CŸPëPIP°C,Pë PIC-Pr 10 PrPs 21 PrPSCİ)
---	---

P”C-C,Pë

([<] 40 PePi)

PŸP°P±P»PëC†Cİ

2

PµPsPeP°P·P°PSPSCİ PrPs P·P°CÍC,PsCÍCrPIP°PSPSCİ P”PsCÍC,CŸPëPN° C,PsPSP·PëP»C-C, C- C,,P°CŸPëPSPiC-C,, PiPsCÍC,CŸPëPN° P±P°PeC,PµCŸC-P°P»CHPSPëPN° CÍPëPSCrCÍPëC,	P”PsP·P° 10 PjPi/PePi 2 CŸP°P·Pë PSP° PrPsP±Cr, PjP°PeCÍPëPjP°P»CHPSP° PrPsP·P° ᵇŸ™ 125 PjPi 2 CŸP°P·Pë PSP° PrPsP±Cr
---	--

250 PjPi/5 PjP»
-

6 PjC-Cl'ClCtC-PI B7" 2	60 B7" 120	2,5 B7" 5	-
C7PsPePë			
2	125	5	2,5
C7PsPePë B7" 18 C7PsPeC-PI			

PÿP°P±P»PëCtCl 4

15 PjPi/PePi (2 C7P°P·Pë PSP° PrPsP±Cr) PrP»Cl P»C-PeCrPIP°PSPSCl
Cl'PµC7PµPrPSC7PsPiPs PsC,PëC,Cr C,P° C,ClP¶PePëC... C„PsC7Pj C-PSC„PµPeCtC-PNë

P'C-Pe	P"PsP·P° (PjPi)	P7C-P»CHPeC-Cl'C,CH PjP» PSP°	
	2 C7P°P·Pë PSP°	C7P°P·PsPICr PrPsP·Cr	
	PrPsP±Cr	125 PjPi/5 PjP»	250 PjPi/5 PjP»
3 B7" 6 PjC-Cl'ClCtC-PI	60 B7" 90	2,5	-
6 PjC-Cl'ClCtC-PI B7" 2	90 B7" 180	5 B7" 7,5	2,5
C7PsPePë			
2	180 B7" 250	7,5 B7" 10	2,5 - 5
C7PsPePë B7" 18 C7PsPeC-PI			

PiPµC„CrC7PsPeCl'PëPj C,P°PePsP¶ PIPëPiPsC,PsPIP»ClC"C,CHCl'Cl Cr C„PsC7PjC-
PSP°C,C7C-C"PIPsC— Cl'PsP»C- PrP»Cl PiP°C7PµPSC,PµC7P°P»CHPSPsPiPs
PIPIPµPrPµPSPSCl (B«P—PëPSP°CtPµC„B»). PiPµ PrP°C" PjPsP¶P»PëPIC-Cl'C,CH
PiPsCl'P»C-PrPsPIPSPs P·P°Cl'C,PsCl'PsPICrPIP°C,Pë C7C-P·PSC- C„PsC7PjPë PsPrPSPsPiPs
P°PSC,PëP±C-PsC,PëPeP°, PePsP»Pë PeP»C-PSC-C±PSPs PrPsCtC-P»CHPSPs PiPµC7PµPNëC,Pë P·
PiP°C7PµPSC,PµC7P°P»CHPSPsC— C„PsC7PjPë P·P°Cl'C,PsCl'CrPIP°PSPSCl
PiC7PµPiP°C7P°C,Cr PSP° PiPµC7PsC7P°P»CHPSCr.

PÿC7PëPIP°P»C-Cl'C,CH ClPe PiP°C7PµPSC,PµC7P°P»CHPSPsPiPs, C,P°Pe C-
PiPµC7PsC7P°P»CHPSPsPiPs P»C-PeCrPIP°PSPSCl PIPëP·PSP°C±P°C"C,CHCl'Cl P·
CrC7P°C...CrPIP°PSPSClPj C,ClP¶PePsCl'C,C- C-PSC„PµPeCtC-C— C,P° Cl'C,P°PSCr
C...PIPsC7PsPiPs.

PI'PIPsC7C- P· PSPëC7PePsPIPsC7 PSPµPrPsCl'C,P°C,PSC-Cl'C,C7

PiPµC„CrC7PsPeCl'PëPj PIPëPIPsPrPëC,CHCl'Cl PiPsP»PsPIPSPëPj C±PëPSPsPj PSPëC7PeP°PjPë.
PµP°CtC-C"PSC,P°Pj P· PIPëC7P°P¶PµPSPëPj PiPsC7CrC€PµPSPSClPj C„CrPSPeCtC-C—
PSPëC7PsPe C7PµPePsPjPµPSPrCrC"C,CHCl'Cl P·PjPµPSC€PëC,Pë PrPsP·Cr
CtPµC„CrC7PsPeCl'PëPjCr, C%PsP± PePsPjPiPµPSCl'CrPIP°C,Pë PNëPsPiPs
PiPsPIC-P»CHPSC-C€Cr PµPeCl'PeC7PµCtC-C7 (PrPëPI. C,P°P±P»PëCtC7 5).

PÿP°P±P»PëCtCl 5

P7P»C-C7PµPSCl'	T _{1/2} (PiPsPrPëPSPë)P	PµPePsPjPµPSPrPsPIP°PSPµ	PrPsP·CrPIP°PSPSCl
PeC7PµP°C,PëPSC-PSCr			
≥ 30 PjP»/C...PI	1,4 B7" 2,4	P7PsC7PµPiCrPIP°C,Pë PrPsP·Cr PSPµ	
		PiPsC,C7C-P±PSPs (P·P°Cl'C,PsCl'PsPICrC7C,CH	
		Cl'C,P°PSPrP°C7C,PSCr PrPsP·Cr PIC-Pr 125 PjPi PrPs	
		500 PjPi 2 C7P°P·Pë PSP° PrPsP±Cr)	

10 вґ" 29 PjP»/C...PI	4,6	PŸC,P°PSPPrP°CґC,PSP° C-PSPrPëPIC-PrCfP°P»CHbPSP° PrPsP·P° PePsP¶PSC- 24 PiPsPrPëPSPë
<10 PjP»/C...PI	16,8	PŸC,P°PSPPrP°CґC,PSP° C-PSPrPëPIC-PrCfP°P»CHbPSP° PrPsP·P° PePsP¶PSC- 48 PiPsPrPëPS
P'PiCґPsPrPsPIP¶		PhPrPSCf PrPsPrP°C,PePsPICf CґC,P°PSPPrP°CґC,PSCf
PiPµPjPsPrC-P°P»C-P·Cf2 вґ" 4		PrPsP·Cf CґP»C-Pr P·P°CґC,PsCґPsPICfPIP°C,Pë PiC-CґP»C¶ PePsP¶PSPsPiPs PrC-P°P»C-P·Cf

PIPIPsCґC- P· PiPµC±C-PSPePsPIPsCґ PSPµPrPsCґC,P°C,PSC-CґC,Cґ

PkPµPjP°C" PrP°PSPëC... PiCґPs
P·P°CґC,PsCґCfPIP°PSPSC¶ C†CHbPsPiPs P»C-PeP°CґCґCHbPePsPiPs P·P°CґPs±Cf
PiP°C†C-C"PSC,P°Pj P· PiPsCґCfC¶PµPSPSC¶Pj C,,CfPSPeC†C-PNë PiPµC±C-PSPePë.
PiPµC,,CfCґPsPeCґPëPj PIPëPIPsPrPëC,CHbCґC¶ PiPsP»PsPIPSPëPj C†PëPSPsPj PSPëCґPeP°PjPë,
C,PsPjCf PsC±C-PeCfC"C,CHbCґC¶, C%Ps PSP°C¶PIPSC- PiPsCґCfC¶PµPSPSC¶
C,,CfPSPeC†C-C— PiPµC±C-PSPePë PSPµ PIPiP»PëPIP°C,PëPjCfC,CH PSP°
C,,P°CґPjP°PePsPeC-PSPµC,PëPeCf C†PµC,,CfCґPsPeCґPëPjCf.

P†PSCґC,CґCfPeC†C-C¶ P· CґPsP·C†PëPSPµPSPSC¶ PiCґP°PSCfP» Cf C,,P»P°PePsPSC-:

P PµC,PµP»CHbPSPs CґC,CґCfCґC-C,CH C,,P»P°PePsPS,
C%PsP± PrPsCґC¶PiC,Pë CґPsP·CґPëPiC†P°CґC,PsCґC,C-
PiCґP°PSCfP». P'CґC- PiCґP°PSCfP»Pë PjP°CґC,CH
P±CfC,Pë P»PµPiPePsCґPëPiCfC†PëPjPë Cf C,,P»P°PePsPSC-.
P—PSC-PjC-C,CH PeCґPëC¶PeCf C,P° P·P°C...PëCґPSCf
PjPµPjP±CґP°PSCf. PiPeC%Ps P·P°C...PëCґPSP°
PjPµPjP±CґP°PSP° PiPsC¶PePsPrP¶PµPSP° P°P±Ps
PIC-PrCґCfC,PSC¶, PiPsPIPµCґPSC-C,CH PiCґPµPiP°CґP°C,
PrPs P°PiC,PµPePë.
P"PsPrP°PNëC,Pµ C...PsP»PsPrPSCf PIPsPrCf Cf
PjC-CґPSPëPNë PePsPIPiP°C†PsPe PrPs PjC-CґPSPsC—
P»C-PSC-C— P·P°P·PSP°C†PµPSPsC— PSP° PSCHbPsPjCf.
PiPeC%Ps PiPsPiPµCґPµPrPSCbPs PIPsPrCf
PePëPi'C¶C,PëP»Pë, PiPµCґPµPr PrPsPrP°PIP°PSPSC¶Pj
PIPSPSP° PjP°C" PsC...PsP»PsPSCfC,Pë PrPs
PeC-PjPSP°C,PSPsC— C,PµPjPiPµCґP°C,CfCґPë.
PkPµ P·PjC-C¶CfPNëC,Pµ CґCfCґPiPµPSP·C-Cґ P·
PiP°CґC¶C†PëPjPë P°P±Ps
C,PµPiP»PëPjPë CґC-PrPëPSP°PjPë.
P'PëPePsCґPëCґC,PsPICfPNëC,Pµ C...PsP»PsPrPSCf PIPsPrCf,
C%PsP± P·P°PiPsP±C-PiC,Pë
P·PiCfC%PµPSPSC¶ CґCfCґPiPµPSP·C-C—.

PkP°P»PëPNëC,Pµ PICґCґ PeC-P»CHbPeC-CґC,CH PIPsPrPë Cf
C,,P»P°PePsPS. P—P°PeCґPëPNëC,Pµ C,,P»P°PePsPS
PeCґPëC¶PePsCґ. P—P°P»PëC¶C,Pµ C,,P»P°PePsPS, C%PsP±
PrP°C,Pë P·PjPsPiCf PIPsPrC- PiPsPIPSC-CґC,Cґ
CґPsP·C†PëPSPëC,Pë PiCґP°PSCfP»Pë - PiCґPëP±P»PëP·PSPs
PSP° 1 C...PIPëP»PëPSCf.

РμРμCтРμРμРμCтPSC-C,CH C,,P»P°PePsPS C,P°
C-PSC,РμPSCтРμРμPSPs P·P±PsPIC,P°PNεC,Рμ
(PіCтРμРμP±P»PөP·PSPs 15 CтPμPe) PrPsPіPsPePө PICтC-
PіCтP°PSCрP»Pө Cр C,,P»P°PePsPSC- PSPμ
PіPμCтРμРμPjC-CεP°CHC,CHCтCт P· PIPsPrPsCH.

РμРμCтРμРμРμРμCтPSC-C,CH C,,P»P°PePsPS PrPsPіPsCтРμРμ C,P°
C-PSC,РμPSCтРμРμPSPs
P·P±PsPIC,CрPNεC,Рμ PіCтPsC,CтPіPsPj 1 C...PIPөP»PөPSPө
PrPsPіPsPePө PICтC- PіCтP°PSCрP»Pө
PSPμ PіPμCтРμРμPjC-CεP°CHC,CHCтCт P· PIPsPrPsCH.

PhPrCтP°P·Cр PіC-CтP»Cт CтPsP·C±PөPSPμPSPSCт C,,P»P°PePsPS P· CтCрCтPіPμPSP·C-CH
PSPμPsP±C...C-PrPSPs PіPsPjC-CтC,PөC,Pө Cр C...PsP»PsPrPөP»CHPSPөPe PrP»Cт
P·P±PμCтC-PіP°PSPSCт PіCтPө C,РμPjPіPμCтP°C,CрCтC- 2-8 B°PŸ (PSPμ
P·P°PjPsCтPsP¶CрPIP°C,Pө) C,P° P·P°P»PөCεPөC,Pө C%PsPSP°PNεPjPμPSCεPμ PSP° 1
PіPsPrPөPSCр PіPμCтРμPr P·P°CтC,PsCтCрPIP°PSPSCтPj PіPμCтCεPsC— PrPsP·Pө.
P PsP·C±PөPSPμPSCр CтCрCтPіPμPSP·C-CH PjPsP¶PSP° P·P±PμCтC-PіP°C,Pө PrPs 10 PrPSC-PI
P·P° CрPjPsPIPө P·P±PμCтC-PіP°PSPSCт Pі C...PsP»PsPrPөP»CHPSPөPeCр
PіCтPө C,РμPjPіPμCтP°C,CрCтC- 2-8 B°PŸ.

P—P°PIP¶PrPө PіPμCтРμPr P·P°CтC,PsCтCрPIP°PSPSCтPj CтP»C-Pr CтPμC,РμP»CHPSPs
CтC,CтCрCтPөC,Pө C,,P»P°PePsPS. P'PөPePsCтPөCтC,PsPICрPNεC,Рμ PjC-CтPSCр P»PsP¶PeCр,
C%Ps PSP°PrP°C"C,CHCтCт, PrP»Cт P·P°CтC,PsCтCрPIP°PSPSCт PePsP¶PSPsC— PrPsP·Pө.

РμCтPө P±P°P¶P°PSPSC- CтPsP·C±PөPSPμPSP° Cр C,,P»P°PePsPSC- CтCрCтPіPμPSP·C-Cт
PjPsP¶Pμ P±CрC,Pө CтPsP·PIPμPrPμPSP° PrP°P»C- C...PsP»PsPrPSPөPj C,,CтCрPeC,PsPIPөPj
CтPsPePsPj P°P±Ps PjPsP»PsPePsPj P±PμP·PіPsCтPμCтРμPrPSCнPs PіPμCтРμPr
P·P°CтC,PsCтCрPIP°PSPSCтPj C- P·P°CтC,PsCтPsPIP°PSP° PsPrCтP°P·Cр PіC-CтP»Cт
CтPsP·PIPμPrPμPSPSCт.

P"C-C,Pө.

P"PsCтPIC-PrCр P·P°CтC,PsCтCрPIP°PSPSCт P—C-PSPSP°C,Cр PrP»Cт P»C-PeCрPIP°PSPSCт
PrC-C,РμPNε PIC-PePsPj PrPs 3 PjC-CтCтCтC-PI PSPμPjP°C".

РμРμCтРμPrPsP·CзPIP°PSPSCт.

РμCтPө PіPμCтРμPrPsP·CрPIP°PSPSC- CтPμC,,P°P»PsCтPіPsCтPөPSC-PI PjPsP¶P»PөPIC-
PіPsPrCтP°P·PSPμPSPSCт PіPsP»PsPIPSPsPіPs PjPsP·PeCр C,P° PSPμPICтPsP»PsPіC-C±PSC-
CрCтPeP»P°PrPSPμPSPSCт, PIPөP»CHC±P°CHC±Pө PμPSCтPμC,,P°P»PsPіP°C,C-CH,
CтCрPrPsPjPө C,P° PePsPjCр. PŸPөPjPіC,PsPjPө PіPμCтРμPrPsP·CрPIP°PSPSCт PjPsP¶CтC,CH
PIPөPSPөPeP°C,Pө, CтPeC%Ps PrPsP·P° P»C-PeP°CтCтCHPePsPіPs P·P°CтPsP±Cр PSPμ
P±CрP»P° PIC-PrPіPsPIC-PrPSPөPj C±PөPSPsPj CтPePsCтPөPіPsPIP°PSP° PrP»Cт
PіP°CтC-C"PSC,C-PI P· PіPsCтCрCεPμPSPSCтPj C,,CрPSPeCтC-C— PSPөCтPsPe (PrPөPI.

$C\bar{F}_3PsP \cdot PrC-P \gg P\ddot{e} B \ll P\check{Y}\check{P}iPsCl'C-P \pm P \cdot P^\circ Cl'C, PsCl'CrPIP^\circ PSPSCl C, P^\circ PrPsP \cdot P\ddot{e}B \gg C, P^\circ B \ll PhCl'PsP \pm P \gg P\ddot{e}PIPsCl'C, C- P \cdot P^\circ Cl'C, PsCl'CrPIP^\circ PSPSCl B \gg$).

P C-PIP_μPSCH C†P_μC,,CrC₇PsPeCÍPëPjCr PI CÍPëC₇PsPIP°C,C†C- PeC₇PsPIC- PjPsP¶PSP°
P·PjP_μPSC€PëC,Pë C€P»C¼C...PsPj PiP_μPjPsPrC-P°P»C-P·Cr C,P°
PiP_μC₇PëC,PsPSP_μP°P»CHbPSPsPiPs PrC-P°P»C-P·Cr.

$P_{\bar{u}}P_sP_{\pm}C-C\neq PSC-C\bar{H}P_{\mu}P^{\circ}P_{\epsilon}C\neq C-C-$.

$\text{P}\mu\text{PSP}\pm\text{C}-\text{C}\mp\text{PSC}-\text{C}\overline{\text{H}}\text{P}\mu\text{P}^\circ\text{PeC}\dagger\text{C}-\text{C}-\text{P}\ddot{\text{C}}\overline{\text{H}}\text{P}\ddot{\text{e}}\text{P}\cdot\text{P}^\circ\text{C}\dot{\text{I}}\text{C},\text{PsC}\dot{\text{I}}\text{C}\text{rPIP}^\circ\text{PSPSC}-$
 $\text{C}\dagger\text{P}\mu\text{C},,\text{C}\text{rC}\overline{\text{H}}\text{PsPeC}\dot{\text{I}}\text{P}\ddot{\text{e}}\text{PjC}\text{r}\text{P}^\circ\text{PeC}\dot{\text{I}}\text{P}\mu\text{C},\text{P}\ddot{\text{e}}\text{P}\gg\text{C}\text{r}\text{PIP}\ddot{\text{e}}\text{C}\overline{\text{H}}\text{P}^\circ\text{P}\P\text{P}\mu\text{PSC}-\text{P}\ddot{\text{I}}\text{PsPjC}-\text{C}\overline{\text{H}}\text{PSPs}\text{C}-$
 $\text{PjP}^\circ\text{C}\overline{\text{H}}\text{C},\text{C}\overline{\text{H}}\text{PI}\text{PsC}\dot{\text{I}}\text{PSPsPIPSPsPjC}\text{r}\text{PsP}\pm\text{PsC}\overline{\text{H}}\text{PsC},\text{PSP}\ddot{\text{e}}\text{PN}\ddot{\text{e}}\text{C}...\text{P}^\circ\text{C}\overline{\text{H}}\text{P}^\circ\text{PeC},\text{P}\mu\text{C}\overline{\text{H}}.$

[illegible]

P''P»CΠ PIPëP·PSP°C±PμPSPSCΠ C±P°CÍ'C,PsC,Pë PiPsP±C-C±PSPëC... CḡPμP°PeC†C-PNë PIC-Pr
 PrC†PΠPμ C±P°CÍ'C,PëC... PrPs CḡC-PrPePëC... PIPëPePsCḡPëCÍ'C,PsPIC†PIP°P»Pë PrP°PSC-
 PIPμP»PëPePëC... PeP»C-PSC-C±PSPëC... PrPsCÍ'P»C-PrPΠPμPSCḢ. PḡP°CÍ'C,PsC,C† PICÍ'C-C...
 C-PSC€PëC... PïPsP±C-C±PSPëC... CḡPμP°PeC†C-PNë (C,PsP±C,Ps C,PëC..., C%Ps
 PIPëPSPëPeP°P»Pë P· C±P°CÍ'C,PsC,PsCḢ < 1/10000) PïPμCḡPμPIP°PΠPSPs PIPëP·PSP°C±P°P»Pë
 PSP° PïC-PrCÍ'C,P°PIC- PrP°PSPëC... PïC-CÍ'P»CΠCḡPμC''CÍ'C,CḡP°C†C-PNëPSPsPiPs
 P·P°CÍ'C,PsCÍ'C†PIP°PSPSCΠ P»C-PeP°CḡCÍ'CHPePsPiPs P·P°CÍ'PsP±C†. PhC,CḡPëPjP°PSP°
 C±P°CÍ'C,PsC,P° C'' CÍ'PePsCḡC-C€Pμ PïPsPeP°P·PSPëPePsPj P·PIC-C,PSPsCÍ'C,C-, PSC-PΠ
 CÍ'PïCḡP°PIPΠPSCḢPsCḢ C±P°CÍ'C,PsC,PsCḢ CΠPIPëC%P°. P''P°PSC- PïP»P°C†PμP±Ps-
 PePsPSC,CḡPsP»CHPsPIP°PSPëC... PrPsCÍ'P»C-PrPΠPμPSCḢ PIC-PrCÍ'C†C,PSC-.
 PḡP°C,PμPiPsCḡC-CΠ C±P°CÍ'C,PsC,Pë, CḡPsP·CḡP°C...PsPIP°PSP° P·P°
 CḡPμP·C†P»CHC,P°C,P°PjPë PeP»C-PSC-C±PSPëC... PrPsCÍ'P»C-PrPΠPμPSCḢ,
 T'CḡC†PSC,C†C''C,CHCÍ'CΠ PSP° PrP°PSPëC..., C%Ps CÍ'C,PsCÍ'C†CḢC,CHCÍ'CΠ
 P»C-PeP°CḡCÍ'CHPePsPiPs P·P°CÍ'PsP±C† (CΠPeC- P±C†P»Pë PsC†C-PSPμPSC-
 P»C-PeP°CḡPμPj-PrPsCÍ'P»C-PrPSPëPePsPj).

$\text{P}_{\mu}\text{P}_{\text{S}}\text{P}_{\pm}\text{C}-\text{C}\ddagger\text{PSC}-\text{C}\ddagger\text{P}_{\mu}\text{P}^{\circ}\text{PeC}\ddagger\text{C}-\text{C}-$, $\text{PIC}-\text{PrPsPjPsC}\ddagger\text{C},\text{C}-\text{P}\ddot{\text{C}}\ddagger\text{P}_{\text{S}}\text{C}\ddagger\text{P}_{\text{e}}\text{C}-\text{PSP}^{\circ}\text{PIP}_{\mu}\text{PrP}_{\mu}\text{PSC}-$
 $\text{PSP}\ddot{\text{P}}\text{P}\ddagger\text{C}\ddagger\text{P}_{\mu}$, $\text{PeP}\gg\text{P}^{\circ}\text{C}\ddagger\text{P}\ddot{\text{e}}\text{C},\text{C}-\text{PePsPIP}^{\circ}\text{PSC}-\text{P}\cdot\text{P}^{\circ}\text{PsC}\ddagger\text{PiP}^{\circ}\text{PSP}^{\circ}\text{PjP}\ddot{\text{e}}\text{C}-\text{C}\ddagger\text{P}\ddot{\text{e}}\text{C}\ddagger\text{C},\text{P}_{\mu}\text{PjP}^{\circ}\text{PjP}\ddot{\text{e}}\text{C},\text{P}^{\circ}$
 $\text{P}\cdot\text{P}^{\circ}\text{C}\ddagger\text{P}^{\circ}\text{C}\ddagger\text{C},\text{PsC},\text{PsC}\ddagger\text{C}-\text{C}\dots\text{PIP}\ddot{\text{e}}\text{PSP}\ddot{\text{e}}\text{PePSP}_{\mu}\text{PSPSC}\ddagger\text{C}$. $\text{P}_{\text{b}}\text{P}^{\circ}\text{C},\text{P}_{\mu}\text{PiPsC}\ddagger\text{C}-\text{C}-\text{C}\ddagger\text{P}^{\circ}\text{C}\ddagger\text{C},\text{PsC},\text{P}\ddot{\text{e}}:$
 $\text{PrCrP}\ddagger\text{P}_{\mu}\text{C}\ddagger\text{P}^{\circ}\text{C}\ddagger\text{C},\text{Ps}(\geq 1\text{ PSP}^{\circ}10)$, $\text{C}\ddagger\text{P}^{\circ}\text{C}\ddagger\text{C},\text{Ps}(\geq 1\text{ PSP}^{\circ}100\text{ C},\text{P}^{\circ} < 1\text{ PSP}^{\circ}10)$,
 $\text{PSP}_{\mu}\text{C}\ddagger\text{P}^{\circ}\text{C}\ddagger\text{C},\text{Ps}(\geq 1\text{ PSP}^{\circ}1000\text{ C},\text{P}^{\circ} < 1\text{ PSP}^{\circ}100)$, $\text{C}\ddagger\text{C}-\text{PrPePs}(\geq 1\text{ PSP}^{\circ}10000\text{ C},\text{P}^{\circ} < 1\text{ PSP}^{\circ}1000)$,
 $\text{PrCrP}\ddagger\text{P}_{\mu}\text{C}\ddagger\text{C}-\text{PrPePs}(< 1\text{ PSP}^{\circ}10000)\text{ C},\text{P}^{\circ}\text{PSP}_{\mu}\text{PIC}-\text{PrPsPjPs}$
 $(\text{PSP}_{\mu}\text{PjPsP}\ddagger\text{PSP}^{\circ}\text{PsC}\ddagger\text{C}-\text{PSP}\ddot{\text{e}}\text{C},\text{P}\ddot{\text{e}}\text{PSP}^{\circ}\text{P}\ddot{\text{C}}-\text{PrC}\ddagger\text{C},\text{P}^{\circ}\text{PIC}-\text{C}\ddagger\text{PSC}\ddagger\text{C}\ddagger\text{P}\ddot{\text{e}}\text{C}\dots\text{PrP}^{\circ}\text{PSP}\ddot{\text{e}}\text{C}\dots)$.

$$P \vdash PSC, P \mu P \epsilon C \vdash C - C - C, P^{\circ} C - PSPI P^{\circ} P \cdot C - C -$$

PSP^oCl^oC,Ps: C,C₇H₅P^oPSP·P₆C,PsC₇H₅PSP₁₁ P₆C-PrPIP₆C%₀₀P₁₁PSPSC₁₁ C₇H₅C-PIPSC₁₁

РїРµСђС-РSРёРsРІРёС... С,,РµСђРјРјРµСC,C-РІ (РђР»Рђ, РђРђРђ, Р»Р»Р»), СІРёРµРµ
Р»Р»Р»РІРёСђР»Р» РјР»С” Р»РІРsСђРsС,РSРёР» С...Р»СђР»РёС,РµСђ.

Р”СђР¶Рµ СђС-РrРёРs: Р¶РsРІС,СІРSРёСђСІ (РіРsР»РsРІРSРёРј СђРёРSРsРј
С...РsР»РµСђС,Р»С,РёСђРSР»), РіРµРіР»С,РёС,.

Р— Р±РsРёСђ СёРёС-СђРё С,Р» РіС-РrСёРёС-СђРSРёС... С,РёР»РSРёРS

Р”СђР¶Рµ СђС-РrРёРs: РіРsР»С-РјРsСђС,,РSР» РµСђРёС,РµРјР», СђРёРSРrСђРsРј
РђС,C-РІРµСCІР» Рђ”Р”Р¶РsСCІРsРSР», С,РsРёСІРёСђРSРёР»
РµРіС-РrРµСђРјР»Р»СђР»СђРSРёР» РSРµСђРsР»С-Р· (РµРёР»Р»РSС,РµРјР»С,РsР»РSРёР»
РSРµСђРsР»С-Р·) (РrРёРІ. В«Р— Р±РsРёСђ С-РјСђРSРSРsС— СђРёСІС,РµРјРёВ»).

РќРµРІС-РrРsРјРs: С-РSРrСђРёРsРІР»РSР» Р»С-РёР»СђСІСђРёРёРј Р»Р»СІРsР±Р»Рј
РµРsР·РёРSРsС,,С-Р»С-СІ С-Р· СђРёСІС,РµРјРјРSРёРј СђРёРјРіС,РsРјР»Рј (DRESS-
СђРёРSРrСђРsРј).

РќРµРІС-РrРsРјРs: Р»РSРіС-РsРSРµРІСC,РёСђРSРёР» РSР»Р±СІРё.

Р”С-С,Рё.

РµСђРsС,,С-Р»Сђ Р±РµР·РіРµРё Р»Р»СІС,РsСІСђРІР»РSРSСІ СђРµС,,СђСђРsРёСІРёРјСђ Сђ
РrС-С,РµР» РІС-РrРіРsРІС-РrР»С” Р»РSР»Р»РsРіС-СђРSРsРјСђ
РіСђРsС,,С-Р»Сђ Сђ РrРsСђРsСІР»РёС... РіР»СђС-С”РSС,C-РІ.

РђРµСђРјС-РS РіСђРёРrР»С,РSРsСІС,C-. 2 СђРsРёРё.

РµС-СІР»СІ СђРsР·СђРёРSРµРSСІ С,РµСђРјС-РS РіСђРёРrР»С,РSРsСІС,C-
СІСђСІРіРіРµРµРSР·С-С— Сђ С,,Р»Р»Р»РSРSС- Рђ” РrРs 10 РrРSС-РІ Р»Р» СђРјРsРІРё
Р·Р±РµСђС-РіР»РSРSСІ РІ С...РsР»РsРrРёР»СђРSРёРёСђ
РіСђРё С,РµРјРіРіРµСђР»С,СђСC- 2-8 Р»Рђ.

РјРјРsРІРё Р·Р±РµСђС-РіР»РSРSСІ.

Р—Р±РµСђС-РіР»С,Рё РіСђРё С,РµРјРіРіРµСђР»С,СђСC- РSРёР¶Р±Рµ 30 Р»Рђ. РµС-СІР»СІ
СђРsР·СђРёРSРµРSСІ СІСђСІРіРіРµРµРSР·С-Сђ Р·Р±РµСђС-РіР»С,Рё РІ
С...РsР»РsРrРёР»СђРSРёРёСђ РіСђРё С,РµРјРіРіРµСђР»С,СђСC- 2-8 Р»Рђ.
Р—Р±РµСђС-РіР»С,Рё Сђ РSРµРrРsСІС,СђРіРSРsРјСђ РrР»СІ РrС-С,РµР» РјС-СІСђС-.

РјРіР»Р»РёРsРІРёР».

Р”СђР»РSСІР»Рё РrР»СІ РіСђРёРіРsС,СђРІР»РSРSСІ 100 РјР» СІСђСІРіРіРµРµРSР·С-С— Сђ
С,,Р»Р»РSРsРіРs СђРёР»Р»Р» Р· РёСђРёСёРёРsСђ С,Р» Р»Р»С...РёСІРSРsСђ
РјРјРјР±СђР»РSРsСђ, Р· РіР»Р»СІС,РёРёРsРІРёРј РјС-СђРSРёРј РёРsРІРіР»СђРёРsРј РSР»
РёСђРёСёСІС-. Р»Р»Р»Р»РS СђР»Р·Р· Р· РјС-СђРSРёРј РёРsРІРіР»СђРёРsРј Р,Р»
РјС-СђРSРsСђ Р»РsР¶РёРsСђ Сђ РёР»СђС,РsРSРSС-Р» РёРsСђРsР±СІС-.

