

[illegible]

PIPëCÍPsPePsCÍC,C-PNëPePëPNë PrPs PiC-PrCĤPsP»C-P·Cí P±C-P»CHC€C-CÍC,CĤ β-
P»P°PeC,P°PjP°P·, PjP°C” PjP°P»Cí CÍPíPsCĤC-PrPSPμPSC-CÍC,CĤ C%oPsPrPs β-
P»P°PeC,P°PjP°P·, C%oPs PePsPrCíCĤC,CĤCÍCÍ C...CĤPsPjPsCÍPsPjPSPëPjPë PiPμPSP°PjPë, C-
C€PIPëPrPePs PíCĤPsPSPëPeP°C” Cí PiCĤP°PjPSPμPiP°C,PëPIPSC-
P±P°PeC,PμCĤC-P°P»CHPSC- PeP»C-C,PëPSPë.

PiPμC,,PμPíC-Pj P°PeC,PëPIPSPëPNë C%oPsPrPs C,P°PePëC... PjC-PeCĤPsPsCĤPiP°PSC-P·PjC-PI:

PiCĤP°PjPiPsP·PëC,PëPIPSC- P°PμCĤPsP±Pë: *Staphylococcus aureus* C,P° *Staphylococcus epidermidis* (PIPeP»CĤC±P°CĤC±Pë C—C... C€C,P°PjPë, C%oPs PíCĤPsPrCíPeCíCĤC,CĤ β-
P»P°PeC,P°PjP°P·Cí); C-PSC€C- C€C,P°PjPë CÍC,P°C,,C-P»PsPePsPeC-PI, PIPeP»CĤC±P°CĤC±Pë
S. hominis, *S. saprophyticus*; *Streptococcus pyogenes* (CÍC,CĤPμPíC,PsPePsPePë PiCĤCíPíPë Pĥ);
Streptococcus agalactiae (CÍC,CĤPμPíC,PsPePsPePë PiCĤCíPíPë P’); *Streptococcus pneumoniae*
(PIPeP»CĤC±P°CĤC±Pë C€C,P°PjPë P· CÍPμCĤPμPrPSCĤPsCĤ CÍC,C-PNëPeC-CÍC,CĤ PrPs
PíPμPSC-C†PëP»C-PSCí - PĥPμPĤ PIC-Pr

0,1 PrPs 1 PjPePi/PjP»); C-PSC€C- β-PiPμPjPsP»C-C,PëC±PSC- CÍC,CĤPμPíC,PsPePsPePë
(PiCĤCíPíPë C, G, F), *S. bovis* (PiCĤCíPíP° D), CÍC,CĤPμPíC,PsPePsPePë PiCĤCíPíPë *Viridans*.
(P’C-P»CHC€C-CÍC,CĤ C€C,P°PjC-PI PμPSC,PμCĤPsPePsPeC-PI, PSP°PiCĤPëPeP»P°Pr
Enterococcus faecalis C- CÍC,P°C,,C-P»PsPePsPePë, CĤPμP·PëCÍC,PμPSC,PSC- PrPs
PjPμC,PëC†PëP»C-PSCí, CĤPμP·PëCÍC,PμPSC,PSC- PrPs P±C-P»CHC€PsCÍC,C-
C†PμC,,P°P»PsCÍPíPsCĤPëPSPsPiPëC... P°PSC,PëP±C-PsC,PëPeC-PI, PIPeP»CĤC±P°CĤC±Pë
C†PμC,,PμPíC-Pj);

PiCĤP°PjPSPμPiP°C,PëPIPSC- P°PμCĤPsP±Pë: *Pseudomonas* spp., PIPeP»CĤC±P°CĤC±Pë *P. aeruginosa*, *P. putida*, *P. stutzeri*; *Escherichia coli*, *Klebsiella* spp., PIPeP»CĤC±P°CĤC±Pë *K. pneumoniae*, *K. oxytoca*, *K. ozaenae*; *Enterobacter* spp., PIPeP»CĤC±P°CĤC±Pë *E. cloacae*, *E. aerogenes*, *E. sakazakii*; *Proteus* spp., PIPeP»CĤC±P°CĤC±Pë *P. mirabilis*, *P. vulgaris*; *Acinetobacter calcoaceticus* (subsp. *anitratus*, *lwoffii*); *Aeromonas hydrophila*; *Capnocytophaga* spp.; *Citrobacter* spp., PIPeP»CĤC±P°CĤC±Pë *C. diversus*, *C. freundii*; *Campylobacter jejuni*; *Gardnerella vaginalis*; *Haemophilus ducreyi*; *H. influenzae* (PIPeP»CĤC±P°CĤC±Pë C€C,P°PjPë, C%oPs
PíCĤPsPrCíPeCíCĤC,CĤ β-P»P°PeC,P°PjP°P·Cí);

H. parainfluenzae; *Hafnia alvei*; *Legionella* spp.; *Morganella morganii*; *Moraxella catarrhalis*
(*Branhamella catarrhalis*) (PIPeP»CĤC±P°CĤC±Pë C€C,P°PjPë, C%oPs PíCĤPsPrCíPeCíCĤC,CĤ β-
P»P°PeC,P°PjP°P·Cí); *Neisseria gonorrhoeae* (PIPeP»CĤC±P°CĤC±Pë C€C,P°PjPë, C%oPs
PíCĤPsPrCíPeCíCĤC,CĤ β-P»P°PeC,P°PjP°P·Cí); *N. meningitidis*; *Pantoea agglomerans*
(PIC-PrPsPjPëPNë CÍPë *Enterobacter agglomerans*); *Providencia* spp. (PIPeP»CĤC±P°CĤC±Pë *P. rettgeri*, *P. stuartii*); *Salmonella* spp.; *Serratia* (PIPeP»CĤC±P°CĤC±Pë *S. marcescens*, *S. liquefaciens*); *Shigella* spp.; *Yersinia enterocolitica*

(C†PμC,,PμPíC-Pj PSPμP°PeC,PëPIPSPëPNë C%oPsPrPs P±P°PiP°C,CHPsC... C€C,P°PjC-PI
Xanthomonas maltophilia C- *Pseudomonas maltophilia*);

P°PSP°PμCĤPsP±Pë: *Bacteroides* spp., PIPeP»CĤC±P°CĤC±Pë *B. melaninogenicus* C,P° C-PSC€C-
PjC-PeCĤPsPsCĤPiP°PSC-P·PjPë CĤPsC,PsPIPsC— PiPsCĤPsP¶PSPëPSPë, C%oPs
PSP°P»PμP¶P°C,CĤ PrPs *Bacteroides*; *Clostridium perfringens*; *Fusobacterium* spp.; *Mobiluncus*
spp.; *Peptostreptococcus* spp.; *Veillonella* spp.

(PiPμC,,PμPíC-Pj PSPμP°PeC,PëPIPSPëPNë C%oPsPrPs *Bacteroides fragilis* C- *Clostridium difficile*).

$P\alpha P^{\circ}C\tilde{H}PjP^{\circ}PePsPeC-PSP\mu C,PePeP^{\circ}$. $P\check{Y}P_{\mu}C\tilde{H}P_{\mu}PrPSC- PePsPSC\ddagger P_{\mu}PSC,C\tilde{H}P^{\circ}C\ddagger C-C-$
 $C\ddagger P_{\mu}C,,P_{\mu}P\ddot{C}-PjC\acute{r} C\acute{r} P\ddot{P}\gg P^{\circ}P\cdot PjC- PeC\tilde{H}PsPIC- C\acute{r} PrPsC\tilde{H}PsC\acute{I}P\gg P\ddot{C}... P\cdot PrPsC\tilde{H}PsPIP\ddot{C}...$
 $C\ddagger PsP\gg PsPIC-PeC-PI C\ddagger P_{\mu}C\tilde{H}P_{\mu}P\cdot C\tilde{H}C-P\cdot PSP\ddot{P}N_{\circ} C\ddagger P^{\circ}C\acute{I} P\ddot{C}-C\acute{I}P\gg C\ddot{I}$
 $PsPrPSPsC\tilde{H}P^{\circ}P\cdot PsPIPsPiPs PIPSC\acute{r}C,C\tilde{H}C-C\epsilon PSCH\ddot{P}PsPIP_{\mu}PSPSPsPiPs C,P^{\circ}$
 $PIPSC\acute{r}C,C\tilde{H}C-C\epsilon PSCH\ddot{P}PsPj\mathfrak{B}\tilde{H}^{\text{TM}} C\ddot{I}P\cdot PsPIPsPiPs PIPIP_{\mu}PrP_{\mu}PSPSC\ddot{I} PSP^{\circ}PIP_{\mu}PrP_{\mu}PSC- C\acute{r}$
 $C,P^{\circ}P\pm P\gg P\ddot{C}\ddagger C- 4.$

$P_{\mu}PsPSC\ddagger P_{\mu}PSC,C\tilde{H}P^{\circ}C\ddagger C-C\ddot{I} C\ddagger P_{\mu}C,,P_{\mu}P\ddot{C}-PjC\acute{r} C\acute{r} P\ddot{P}\gg P^{\circ}P\cdot PjC- PeC\tilde{H}PsPIC- (PjPePi/PjP\gg)$
 $P\ddot{C}\tilde{H}P\ddot{e} PIPSC\acute{r}C,C\tilde{H}C-C\epsilon PSCH\ddot{P}PsPIP_{\mu}PSPSPsPjC\acute{r} (PI/PI) C,P^{\circ}$
 $PIPSC\acute{r}C,C\tilde{H}C-C\epsilon PSCH\ddot{P}PsPj\mathfrak{B}\tilde{H}^{\text{TM}} C\ddot{I}P\cdot PsPIPsPjC\acute{r} (PI/Pj) PIPIP_{\mu}PrP_{\mu}PSPSC-$

$P\check{Y}P^{\circ}P\pm P\gg P\ddot{C}\ddagger C\ddot{I} 4$

$P^{\circ}PsP\cdot P^{\circ}$ $C\ddagger P_{\mu}C,,P_{\mu}P\ddot{C}-PjC\acute{r}$	0,5 PiPsPrPëPSPë	1 PiPsPrPëPSP°	2 PiPsPrPëPSPë	4 PiPsPrPëPSPë	8 PiPsPrPëPSPë	12 PiPsPrPëPS
500 PjPi PI/PI	38,2	21,6	11,6	5	1,4	0,2
1 Pi PI/PI	78,7	44,5	24,3	10,5	2,4	0,6
2 Pi PI/PI	163,1	85,8	44,8	19,2	3,9	1,1
500 PjPi PI/Pj	8,2	12,5	12	6,9	1,9	0,7
1 Pi PI/Pj	14,8	25,9	26,3	16	4,5	1,4
2 Pi PI/Pj	36,1	49,9	51,3	31,5	8,7	2,3

$Pj C\acute{I}P_{\mu}C\ddagger C-, P\P PsPIC\ddagger C-, P\ddot{P}_{\mu}C\tilde{H}P\ddot{e}C,PsPSP_{\mu}P^{\circ}P\gg CH\ddot{P}SC-PN_{\circ} C\tilde{H}C-PrP\ddot{e}PSC-,$
 $C\acute{I}P\gg P\ddot{e}P\cdot PsPIPsPjC\acute{r} C\acute{I}P_{\mu}PeC\tilde{H}P_{\mu}C,C- P\pm C\tilde{H}PsPSC...C-PI, PjPsPeC\tilde{H}PsC,P\ddot{e}PSPSC-,$
 $P\ddot{C}\tilde{H}PsC\acute{I}C,P^{\circ}C,C-, P^{\circ}P\ddot{P}_{\mu}PSPPrP\ddot{e}PeC\acute{I}C- C,P^{\circ} P\P PsPIC\ddagger PSPsPjC\acute{r} PjC-C...C\acute{r}C\tilde{H}C- C,P^{\circ}PePsP\P$
 $PrPsC\acute{I}C\ddot{I}PiP^{\circ}C\tilde{H}C,CH\ddot{C}\acute{I}C\ddot{I} C,P_{\mu}C\tilde{H}P^{\circ}P\ddot{P}_{\mu}PIC,P\ddot{e}C\ddagger PSC- PePsPSC\ddagger P_{\mu}PSC,C\tilde{H}P^{\circ}C\ddagger C-C-$
 $C\ddagger P_{\mu}C,,P_{\mu}P\ddot{C}-PjC\acute{r}.$

$Pj C\acute{I}P_{\mu}C\tilde{H}P_{\mu}PrPSC\ddot{H}PsPjC\acute{r} P\ddot{P}_{\mu}C\tilde{H}C-PsPr PSP^{\circ}P\ddot{C}-PIPIP\ddot{e}PIP_{\mu}PrP_{\mu}PSPSC\ddot{I} C\ddagger P_{\mu}C,,P_{\mu}P\ddot{C}-PjC\acute{r}$
 $P\cdot PsC\tilde{H}PiP^{\circ}PSC-P\cdot PjC\acute{r} C\acute{I}C,P^{\circ}PSPsPIP\ddot{e}C,CH P\pm P\gg P\ddot{e}P\cdot CH\ddot{P}ePs 2 PiPsPrPëPS. Pj$
 $P\cdot PrPsC\tilde{H}PsPIP\ddot{C}... PrPsP\pm C\tilde{H}PsPIPsP\gg CH\ddot{C}\ddagger C-PI, C\ddot{I}PeC- PsPrP_{\mu}C\tilde{H}P\P C\acute{r}PIP^{\circ}P\gg P\ddot{e} PrPsP\cdot P\ddot{e}$
 $PrPs 2 Pi PIPSC\acute{r}C,C\tilde{H}C-C\epsilon PSCH\ddot{P}PsPIP_{\mu}PSPSPs P\cdot C-PSC,P_{\mu}C\tilde{H}PIP^{\circ}P\gg PsPj 8 PiPsPrPëPS$
 $P\ddot{C}\tilde{H}PsC,C\ddot{I}PiPsPj 9 PrPSC-PI, PSP_{\mu} C\acute{I}P\ddot{P}PsC\acute{I}C,P_{\mu}C\tilde{H}C-PiP^{\circ}P\gg P^{\circ}C\acute{I}C\ddot{I} PeC\acute{r}PjC\acute{r}P\gg C\ddot{I}C\ddagger C-C\ddot{I}$
 $P\ddot{C}\tilde{H}P_{\mu}P\ddot{P}^{\circ}C\tilde{H}P^{\circ}C,C\acute{r} PI PsC\tilde{H}PiP^{\circ}PSC-P\cdot PjC-.$

$P\ddot{I}P_{\mu}C,,P_{\mu}P\ddot{C}-Pj PjP_{\mu}C,P^{\circ}P\pm PsP\gg C-P\cdot C\acute{r}C''C,CH\ddot{C}\acute{I}C\ddot{I} PI N-PjP_{\mu}C,P\ddot{e}P\gg P\ddot{C}-C\tilde{H}PsP\gg C-PrP\ddot{e}PS,$
 $C\ddot{I}PeP\ddot{e}PN_{\circ} C\epsilon PIP\ddot{e}PrPePs P\ddot{P}_{\mu}C\tilde{H}P_{\mu}C,PIPsC\tilde{H}C\acute{I}C,C\tilde{H}C\acute{I}C\ddot{I} PI PsPeC\acute{I}P\ddot{e}Pr$

$N-PjP_{\mu}C,P\ddot{e}P\gg P\ddot{C}-C\tilde{H}PsP\gg C-PrP\ddot{e}PSC\acute{r}. P\check{Y}P_{\mu}C\tilde{H}P_{\mu}PrPSC-PN_{\circ} P\cdot P^{\circ}PiP^{\circ}P\gg CH\ddot{P}SP\ddot{e}PN_{\circ}$
 $PeP\gg C-C\tilde{H}P_{\mu}PSC\acute{I} C\acute{I}C,P^{\circ}PSPsPIP\ddot{e}C,CH 120 PjP\gg/C...PI. P\ddot{I}P_{\mu}C,,P_{\mu}P\ddot{C}-Pj$
 $PIP\ddot{e}PrC-P\gg C\ddot{I}C''C,CH\ddot{C}\acute{I}C\ddot{I} PjP^{\circ}PN_{\circ}P\P P_{\mu} PIP\ddot{e}PSC\ddot{I}C,PePsPIPs P\cdot P^{\circ} C\tilde{H}P^{\circ}C...C\acute{r}PSPsPe$
 $PSP\ddot{e}C\tilde{H}PePsPIP\ddot{C}... PjP_{\mu}C...P^{\circ}PSC-P\cdot PjC-PI C\tilde{H}P_{\mu}PiC\acute{r}P\gg C\ddot{I}C\ddagger C-C- PiPsP\gg PsPIPSP\ddot{e}Pj$
 $C\ddagger P\ddot{e}PSPsPj C\epsilon P\gg C\ddot{I}C...PsPj PiP\gg PsPjP_{\mu}C\tilde{H}C\acute{r}P\gg C\ddot{I}C\tilde{H}PSPsC- C,,C-P\gg CH\ddot{C},C\tilde{H}P^{\circ}C\ddagger C-C-$
 $(C\acute{I}P_{\mu}C\tilde{H}P_{\mu}PrPSC-PN_{\circ} PSP\ddot{e}C\tilde{H}PePsPIP\ddot{e}PN_{\circ} PeP\gg C-C\tilde{H}P_{\mu}PSC\acute{I} \mathfrak{B}\tilde{H}'' 110 PjP\gg/C...PI). Pj C\acute{I}P_{\mu}C\ddagger C-$
 $P\ddot{C}\tilde{H}PsC\ddot{I}PIP\gg C\ddot{I}C''C,CH\ddot{C}\acute{I}C\ddot{I} P\ddot{C}\tilde{H}P\ddot{e}P\pm P\gg P\ddot{e}P\cdot PSPs 85 \% PIPIP_{\mu}PrP_{\mu}PSPsC- PrPsP\cdot P\ddot{e} C\acute{r}$
 $PIP\ddot{e}PiP\gg C\ddot{I}PrC- PSP_{\mu}P\cdot PjC-PSP_{\mu}PSPsPiPs C\ddagger P_{\mu}C,,P_{\mu}P\ddot{C}-PjC\acute{r}, 1 \% N-$
 $PjP_{\mu}C,P\ddot{e}P\gg P\ddot{C}-C\tilde{H}PsP\gg C-PrP\ddot{e}PSC\acute{r}, P\pm P\gg P\ddot{e}P\cdot CH\ddot{P}ePs 6,8 \% PsPeC\acute{I}P\ddot{e}Pr$

$N-PjP_{\mu}C,P\ddot{e}P\gg P\ddot{C}-C\tilde{H}PsP\gg C-PrP\ddot{e}PSC\acute{r} C,P^{\circ} P\pm P\gg P\ddot{e}P\cdot CH\ddot{P}ePs 2,5 \% P_{\mu}P\ddot{C}-PjP_{\mu}C\tilde{H}C\acute{r}$
 $C\ddagger P_{\mu}C,,P_{\mu}P\ddot{C}-PjC\acute{r}. P-PI\cdot C\ddot{I}P\cdot C\acute{r}PIP^{\circ}PSPSC\ddot{I} C\ddagger P_{\mu}C,,P_{\mu}P\ddot{C}-PjC\acute{r} P\cdot P\pm C-P\gg PeP^{\circ}PjP\ddot{e} P\ddot{P}\gg P^{\circ}P\cdot PjP\ddot{e}$
 $PeC\tilde{H}PsPIC- C\acute{I}C,P^{\circ}PSPsPIP\ddot{e}C,CH PjP_{\mu}PSC\epsilon P_{\mu} 19 \% C- PSP_{\mu} P\cdot P^{\circ}P\gg P_{\mu}P\P P\ddot{e}C,CH PIC-Pr$

PePsPSC†PμPSC, CḡP°C†C-C— PīCḡPμPīP°CḡP°C, Cṛ PI CṛPēCḡPsPIP°C, C†C- PeCḡPsPIC-.

PJ C...PIPsCḡPēC... PIC-PePsPj PIC-Pr 65 CḡPsPeC-PI C-P· PSPsCḡPjP°P»CH̄PSPsCḡ
C,,CṛPSPeC†C-C”Cḡ PSPēCḡPsPe PSPμ PīPsC,CḡC-P±PSPμ PePsCḡPēPīCṛPIP°PSPSCḡ PrPsP·Pē
PīCḡPμPīP°CḡP°C,Cṛ, PSPμP·PIP°P¶P°CḡC†Pē PSP° PjPμPSC€Cṛ PIPμP»PēC†PēPSCṛ
PSPēCḡPePsPIPsPīPs PeP»C-CḡPμPSCṛCṛ PīPsCḡC-PIPSCḡPSPs P· PjPsP»PsPrPēPjPē
C...PIPsCḡPēPjPē.

P”PsCṛP»C-PrP¶PμPSPSCḡ, PīCḡPsPIPμPrPμPSC- PSP° C...PIPsCḡPēC... C-P· CḡC-P·PSPēPj
CṛC,CṛPīPμPSPμPj PSPēCḡPePsPIPsC— PSPμPrPsCṛC,P°C,PSPsCṛC,C-,
PīCḡPsPrPμPjPsPSCṛC,CḡCṛPIP°P»Pē P·P±C-P»CH̄C€PμPSPSCḡ PīPμCḡC-PsPrCṛ
PSP°PīC-PIPIPēPIPμPrPμPSPSCḡ P· PsCḡPīP°PSC-P·PjCṛ. PJ CṛPμCḡPμPrPSCḡPsPjCṛ
PīPμCḡC-PsPr PSP°PīC-PIPIPēPIPμPrPμPSPSCḡ Cṛ C...PIPsCḡPēC... C-P· C,CḡP¶PēPēPjPē
PīPsCḡCṛC€PμPSPSCḡPjPē C,,CṛPSPeC†C-C— PSPēCḡPsPe, CḡPeC- PīPsC,CḡPμP±CṛCḡC,CH̄
P»C-PeCṛPIP°PSPSCḡ C€P»CḡC...PsPj PrC-P°P»C-P·Cṛ, CṛC,P°PSPsPIPēC,CH̄

13 PīPsPrPēPS PīCḡPē PīPμPjPsPrC-P°P»C-P·C- C- 19 PīPsPrPēPS - PīCḡPē
PīPμCḡPēC,PsPSPμP°P»CH̄PSPsPjCṛ PrC-P°P»C-P·C-.

PαP°CḡPjP°PePsPeC-PSPμC,PēPeP° C†PμC,,PμPīC-PjCṛ Cṛ C...PIPsCḡPēC... C-P·
PīPsCḡCṛC€PμPSPSCḡPjPē C,,CṛPSPeC†C-C— PīPμC†C-PSPePē P°P±Ps
PjCṛPePsPIC-CṛC†PēPrPsP·PsPj PSPμ P·PjC-PSPμPSP°. PḡPsCḡPēPīCṛPIP°PSPSCḡ PrPsP·Pē
PrP»CḡC,P°PePēC... C...PIPsCḡPēC... PSPμ PīPsC,CḡC-P±PSPμ.

P”PsP·P° PīCḡPμPīP°CḡP°C,Cṛ - 50 PjPi/PePi PjP°CṛPē C,C-P»P° PīCḡPē
PIPSCṛC,CḡC-C€PSCḡPsPIPμPSPSPsPjCṛ PIPμPrPμPSPSC- PīCḡPsC,CḡPīPsPj PIC-Pr 5 PrPs 20
C...PIPēP»PēPS PePsP¶PSC- 8 PīPsPrPēPS.

PḡP»C-PSC-C†PSC- C...P°CḡP°PeC,PμCḡPēCṛC,PēPePē.

PμPsPeP°P·P°PSPSCḡ.

P”PsCḡPsCṛP»PēPj.

P†PSC,,PμPeC†C-C—, CṛPīCḡPēC†PēPSPμPSC- C†CṛC,P»PēPIPsCḡ PrPs PīCḡPμPīP°CḡP°C,Cṛ
PjC-PeCḡPsC,,P»PsCḡPsCḡ:

Бḡ“ PrPēC...P°P»CH̄PSPēC... C€P»CḡC...C-PI, Cṛ C,PsPjCṛ C†PēCṛP»C- PīPSPμPIPjPsPSC-Cḡ,
P±CḡPsPSC...C-C,;

Бḡ“ C€PeC-CḡPē C,P° PīC-PrC€PeC-CḡPSPsC— PeP»C-C,PePsPIPēPSPē;

Бḡ“ C-PSC,CḡP°P°P±PrPsPjC-PSP°P»CH̄PSC- C-PSC,,PμPeC†C-C—, Cṛ C,PsPjCṛ C†PēCṛP»C-
PīPμCḡPēC,PsPSC-C, C,P° C-PSC,,PμPeC†C-C— P¶PsPIC†PsPIPēPIC-PrPSPēC... C€P»CḡC...C-PI;

Бḡ“ PīC-PSPμPePsP»PsPīC-C†PSC-;

Бḡ“ CṛPμPīC,PēC†PμPjC-Cḡ.

P·PjPīC-CḡPēC†PSP° C,PμCḡP°PīC-Cḡ C...PIPsCḡPēC... C-P· PSPμPḡC,CḡPsPīPμPSC-C†PSPsCḡ
PīP°CḡCḡC†PePsCḡ.

P©PsP± CíPSPëPePSCíC,Pë PjPsP¶P»PëPIPsC— P»C-PeP°C¶CíC¶C¶PePsC— PIP·P°C”PjPsPrC-C—
P· C-PSC€PëPjPë PíC¶PµPíP°C¶P°C,P°PjPë, C¶PsP·C¶PëPSPë C†PµC,,PµPíC-PjCí (C¶Pe C-
P±C-P»C¶C€PsCíC,C- C-PSC€PëC... β-P»P°PeC,P°PjPSPëC... P°PSC,PëP±C-PsC,PëPeC-PI) PSPµ
PIPIPsPrPëC,Pë PsPrPSPsC†P°CíPSPs P· C¶PsP·C¶PëPSP°PjPë PjPµC,C¶PsPSC-PrP°P·PsP»Cí,
PIP°PSPëPsPjC-C†PëPSCí, PiPµPSC,P°PjC-C†PëPSCí, C,PsP±C¶P°PjC-C†PëPSCí
CíCíP»C¶C,,P°C,Cí C- PSPµC,PëP»PjC-C†PëPSCí CíCíP»C¶C,,P°C,Cí. Pj C¶P°P·C-
PíC¶PëP·PSP°C†PµPSPSC¶ C†PµC,,PµPíC-PjCí C-P· P·P°P·PSP°C†PµPSPëPjPë
PíC¶PµPíP°C¶P°C,P°PjPë PIPIPsPrPëC,Pë PePsP¶PµPS P°PSC,PëP±C-PsC,PëPe PsPeC¶PµPjPs.

PhCíPsP±P»PëPIPsCíC,C- P·P°CíC,PsCíC¿PIP°PSPSC¶.

Pj PíP°C†C-C”PSC,C-PI C-P· PIPëCíPsPePëPj C¶PëP·PëPePsPj C¶PsP·PIPëC,PeCí C,C¶P¶PePëC...
C-PSC,,PµPeC†C-PNë (PSP°PíC¶PëPeP»P°Pr, Cí PíP°C†C-C”PSC,C-PI, C¶PeC- PjP°P»Pë PI
P°PSP°PjPSPµP·C- C,C¶P°PSCíPíP»P°PSC,P°C†C-C¶ PeC-CíC,PePsPIPsPiPs PjPsP·PeCí PíC¶Pë
P·PSPëP¶PµPSC-PNë PNëPsPiPs P°PeC,PëPIPsCíC,C-, C°Ps PIC-PrP±CíPIP°C”C,C¶CíC¶ PSP°
C,P»C- P·P»PsC¶PeC-CíPSPsC— PiPµPjPsP»C-C,PëC†PSPsC— PíP°C,PsP»PsPiC-C— P·
C,C¶P¶PePsC¶ PíC¶PsPiC¶PµCíCíC¶C¶PsC¶ PSPµPNëC,C¶PsPiPµPSC-C”C¶)
PjPsPSPsC,PµC¶P°PíC-C¶ PjPsP¶Pµ P±CíC,Pë PSPµPrPsCíC,P°C,PSCHPsC¶, C,PsPjCí
PíPsPeP°P·P°PSP° PePsPjPíP»PµPeCíPSP° P°PSC,PëPjC-PeC¶PsP±PSP° C,PµC¶P°PíC-C¶.

PkPµPsP±C...C-PrPSPs C,PsC†PSPs PIPëP·PSP°C†PëC,Pë, C†Pë PIC-PrP·PSP°C†P°P»PëCíC¶
C¶P°PSC-C€Pµ Cí C...PIPsC¶PsPiPs C¶PµP°PeC†C-C— PíC-PrPIPëC°PµPSPsC—
C†CíC,P»PëPIPsCíC,C- PSPµPiP°PNëPSPsPiPs C,PëPíCí PSP° C†PµC,,PµPíC-Pj,
C†PµC,,P°P»PsCíPíPsC¶PëPSPë, PíPµPSC-C†PëP»C-PSPë P°P±Ps C-PSC€C- β-P»P°PeC,P°PjPSC-
P°PSC,PëP±C-PsC,PëPePë. PhPSC,PëP±C-PsC,PëPePë P· PsP±PµC¶PµP¶PSC-CíC,C¶
PíC¶PëP·PSP°C†P°C,Pë PICíC-Pj C...PIPsC¶PëPj C-P· P±CíPrC¶C-¶PePëPjPë C,,PsC¶PjP°PjPë
P°P»PµC¶PiC-C—, PsCíPsP±P»PëPIPs PSP° P»C-PeP°C¶CíC¶C¶PeC- PíC¶PµPíP°C¶P°C,Pë.
PµC¶Pë PíPsC¶PIC- P°P»PµC¶PiC-C†PSPsC— C¶PµP°PeC†C-C— P·P°CíC,PsCíCíPIP°PSPSC¶
PíC¶PµPíP°C¶P°C,Cí CíP»C-Pr PíC¶PëPíPëPSPëC,Pë. P¶PµC¶PNëPsP·PSC- C¶PµP°PeC†C-C—
PíC-PrPIPëC°PµPSPsC— C†CíC,P»PëPIPsCíC,C- PSPµPiP°PNëPSPsPiPs C,PëPíCí PjPsP¶CíC,C¶
PIPëPjP°PíP°C,Pë P·P°CíC,PsCíCíPIP°PSPSC¶ P°PrC¶PµPSP°P»C-PSCí C,P° C-PSC€PëC...
C,,PsC¶Pj C-PSC,PµPSCíPëPIPsC— C,PµC¶P°PíC-C—.

PµC¶Pë P·P°CíC,PsCíCíPIP°PSPSC- PjP°PNëP¶Pµ PICíC-C... P°PSC,PëP±C-PsC,PëPeC-PI
C€PëC¶PsPePsPiPs CíPíPµPeC,C¶P° PrC-C— PíPsPIC-PrPsPjP»C¶P»Pë PíC¶Ps PIPëPíP°PrPePë
PíCíPµPIPrPsPjPµPjP±C¶P°PSPsP·PSPsPiPs PePsP»C-C,Cí. P¶PsPjCí PIP°P¶P»PëPIPs
PIC¶P°C...PsPICíPIP°C,Pë PjPsP¶P»PëPIC-CíC,C¶ C¶PsP·PIPëC,PeCí C†C-C”C—
PíP°C,PsP»PsPiC-C— Cí PIPëPíP°PrPeCí PIPëPSPëPePSPµPSPSC¶ PrC-P°C¶PµC— PíC-Pr C†P°Cí
P»C-PeCíPIP°PSPSC¶ PíC¶PµPíP°C¶P°C,PsPj. P>PµPiPeC- C,,PsC¶PjPë PePsP»C-C,Cí
PjPsP¶CíC,C¶ PjPëPSP°C,Pë PíC-CíP»C¶ PíC¶PëPNëPsPjCí PíC¶PµPíP°C¶P°C,Cí;
PíPsPjC-C¶PSC- P°P±Ps C,C¶P¶PeC- CíC,P°PSPë PjPsP¶CíC,C¶ PíPsC,C¶PµP±CíPIP°C,Pë
CíPíPµC†C-P°P»C¶PSPsPiPs P»C-PeCíPIP°PSPSC¶.

P’PëPSPëPePSPµPSPSC¶ PrC-P°C¶PµC— PjPsP¶Pµ CíPIC-PrC†PëC,Pë PíC¶Ps
PSP°C¶PIPsC-CíC,C¶ PíCíPµPIPrPsPjPµPjP±C¶P°PSPsP·PSPsPiPs PePsP»C-C,Cí,
PrC-P°PiPSPsCíC,PëPeP° C¶PePsPiPs T’C¶CíPSC,CíC”C,C¶CíC¶ PSP° PrP°PSPëC...
PePsP»PsPSPsCíPePsPiC-C—. P|Pµ C¶PIPëC°Pµ PíPsC,C¶PµP±CíC” PSPµPiP°PNëPSPsPiPs
PíC¶PëPíPëPSPµPSPSC¶ P»C-PeCíPIP°PSPSC¶ C- PíPsC†P°C,PeCí PIC-PrPíPsPIC-PrPSPsC—
CíPíPµC†PëC,,C-C†PSPsC— C,PµC¶P°PíC-C—.

PhCfPeC-P»CHPePe C,,CfPSPeCtC-Cf PSpëCtjPsPe P· PIC-PePsPj P·PSPëP¶CfC”C,CHCfCf, PrPsP·Cf PiP°CtC-C”PSC,P°Pj P»C-C,PSCHPsPiPs PIC-PeCf PSPµPsP±C...C-PrPSPs PiC-PrP±PëCtjP°C,Pë P·P°P»PµP¶PSPs PIC-Pr CfC,P°PSCf C,,CfPSPeCtC-C— PSpëCtjPsPe Cf PePsP¶PSPsPiPs PePsPSPeCtjPµC,PSPsPiPs C...PiPsCtjPsPiPs.

PµP°CtC-C”PSC,P°Pj C-P· PSpCtjPjP°P»CHPSPsCt C,,CfPSPeCtC-C”Ct PSpëCtjPsPe PePsCtjPëPiCfPiP°PSPSCf PrPsP·CfPiP°PSPSCf PSPµ PiPsC,CtjC-P±PSPµ. P”PsCtC-P»CHPSPs CfP»C-PrPeCfPiP°C,Pë P·P° C,,CfPSPeCtC-C”Ct PSpëCtjPsPe PiCtjPë PsPrPSPsCfP°CfPSPsPjCf P·P°CfC,PsCfCfPiP°PSPSC- CtPµC,,PµPiC-PjCf P· PiPsC,PµPSCtC-PNëPSPs PSPµC,,CtjPsC,PsPeCfPëCfPSPëPjPë P°PSC,PëP±C-PsC,PëPeP°PjPë (PsCfPsP±P»PëPiPs P°PjC-PSPsPiP»C-PePsP·PëPrP°PjPë) C,P° CfPëP»CHPSPëPjPë PrC-CfCtjPµC,PëPeP°PjPë.

PiPµC,,P°P»PsCfPiPsCtjPëPSPë CfC...PëP»CHPSC- P°P±CfPsCtjP±CfPiP°C,PëCfCf PSp° PiPsPiPµCtjC...PSC- PµCtjPëC,CtjPsCtPëC,C-PI C- PICfC,CfPiP°C,Pë PI CtjPµP°PeCtC-Ct P· P°PSC,PëC,C-P»P°PjPë, CfPiCtjCfPjPsPiP°PSPëPjPë PiCtjPsC,Pë PiCtjPµPiP°CtjP°C,C-PI, CtjPµP·CfP»CHC,P°C,PsPj CfPsPiPs C” PiPsP·PëC,PëPiPSPëPNë C,PµCfC, PµCfPjP±CfP°. Pj PiP°CtC-C”PSC,C-PI, CfPeC- PiCtjPëPNëPjP°P»Pë CtPµC,,PµPiC-Pj 2 CtjP°P·Pë PSP° PrPsP±Cf, PsPiPëCfP°PSPs PiPsP·PëC,PëPiPSPëPNë C,PµCfC, PµCfPjP±CfP° PiCtjPë PIC-PrCfCfC,PSPsCfC,C- PsP·PSP°Pe PiPµPjPsP»C-P·Cf.

PµCtjPë PiCtjPsPiPµPrPµPSPSC- P°PSP°P»C-P·Cf CfPµCfC- PSP° PiP»CHPePsP·CfCtjC-Ct PjPsP¶P»PëPiPëPNë C...PëP±PSPsPiPsP·PëC,PëPiPSPëPNë CtjPµP·CfP»CHC,P°C,, C,PsPjCf PiPëP·PSP°CfPµPSPSCf PiP»CHPePsP·Pë Cf CfPµCfC- PI PiPµCtjC-PsPr P»C-PeCfPiP°PSPSCf CtPµC,,PµPiC-PjPsPj CfP»C-Pr PiCtjPsPiPsPrPëC,Pë PiP»CHPePsP·PsPsPeCfPëPrP°P·PSPëPjPë PjPµC,PsPrP°PjPë.

PiPe C- Cf PiPëPiP°PrPeCf P· C-PSCëPëPjPë P°PSC,PëP±C-PsC,PëPeP°PjPë, P·P°CfC,PsCfCfPiP°PSPSCf CtPµC,,PµPiC-PjCf PjPsP¶Pµ PiCtjPëP·PiPsPrPëC,Pë PrPs PePsP»PsPSC-P·P°CtC-C— PSPµCfCfC,P»PëPiPsCt PjC-PeCtjPsC,,P»PsCtjPsCt. PµCtjPë CtjPsP·PiPëC,PeCf CfCfPiPµCtjC-PSC,,PµPeCtC-PNë PiC-Pr CfP°Cf P»C-PeCfPiP°PSPSCf PSPµPsP±C...C-PrPSPs PiP¶PëC,Pë PIC-PrPiPsPIC-PrPSPëC... P·P°C...PsPrC-PI.

P—P°CfC,PsCfCfPiP°PSPSCf Cç PiPµCtjC-PsPr PiP°PiC-C,PSPsCfC,C- P°P±Ps PiPsPrCfPiP°PSPSCf PiCtjCfPrCt.

PhPrPµPePiP°C,PSPëC... C- PrPsP±CtjPµ PePsPSC,CtjPsP»CHPsPiP°PSPëC... PrPsCfP»C-PrP¶PµPSCH Cf PiP°PiC-C,PSPëC... P¶C-PSPsPe PSPµ PiCtjPsPiPsPrPëP»PsCfCf, C,PsPjCf CtPµC,,PµPiC-Pj Cf PiPµCtjC-PsPr PiP°PiC-C,PSPsCfC,C- PjPsP¶PSP° PiCtjPëP·PSP°CfP°C,Pë C,C-P»CHPePe C,PsPrC-, PePsP»Pë PsCfC-PeCfPiP°PSP° PePsCtjPëCfC,CH PrP»Cf PjP°C,PµCtjC- PiPµCtjPµPiPëC%oCfC” PiPsC,PµPSCtC-PNëPSPëPNë CtjPëP·PëPe PrP»Cf PiP»PsPrP°.

PiPµC,,PµPiC-Pj PiCtjPsPSPëPeP°C” Cf PiCtjCfPrPSPµ PjPsP»PsPePs Cf PrCfP¶Pµ PSPµPiPµP»PëPeC-PNë PeC-P»CHPePsCfC,C-, C,PsPjCf PSP° PiPµCtjC-PsPr P»C-PeCfPiP°PSPSCf

PiCtjPµPiP°CtjP°C,PsPj PiPsPrCfPiP°PSPSCf PiCtjCfPrPrCt CfP»C-Pr PiCtjPëPiPëPSPëC,Pë.

P—PrP°C,PSC-CfC,CH PiP°P»PëPiP°C,Pë PSP° CëPiPëPrPeC-CfC,CH CtjPµP°PeCtC-C— PiCtjPë

$PeP_{\mu}C_{\eta}C_{\acute{a}}PIP^{\circ}PSPSC- P^{\circ}PIC,PsC,C_{\eta}P^{\circ}PSC\acute{r}P\ddot{P}sC_{\eta}C,PsPj P^{\circ}P\pm Ps C-PSC\epsilon P\ddot{e}PjP\ddot{e}$
 $PjP_{\mu}C...P^{\circ}PSC-P.PjP^{\circ}PjP\ddot{e}.$

$P\acute{k}P_{\mu} PIP\ddot{e}PIC\ddot{+}P^{\circ}P\gg P^{\circ}C\acute{r}C_{\eta}.$

$P\ddot{Y}P\ddot{I}PsC\acute{r}C-P\pm P\cdot P^{\circ}C\acute{r}C,PsC\acute{r}C_{\acute{a}}PIP^{\circ}PSPSC_{\eta} C,P^{\circ} PrPsP\cdot P\ddot{e}.$

$P_{\mu}P_{\mu}C_{\eta}P_{\mu}Pr P\cdot P^{\circ}C\acute{r}C,PsC\acute{r}C\acute{r}PIP^{\circ}PSPSC_{\eta}Pj P\ddot{I}C_{\eta}P_{\mu}P\ddot{I}P^{\circ}C_{\eta}P^{\circ}C,C\acute{r} C\acute{r}P\gg C-Pr P\cdot C_{\eta}PsP\pm P\ddot{e}C,P\ddot{e}$
 $C\epsilon PeC-C_{\eta}PSC\acute{r} P\ddot{I}C_{\eta}PsP\pm C\acute{r} PSP^{\circ} P\ddot{I}P_{\mu}C_{\eta}P_{\mu}PSPsC\acute{r}P\ddot{e}PjC-C\acute{r}C,CH.$

$P-PIP\ddot{e}C\ddot{+}P^{\circ}PN\ddot{e}PSP_{\mu} PrPsP\cdot C\acute{r}PIP^{\circ}PSPSC_{\eta} PrP\gg C_{\eta} PrPsC_{\eta}PsC\acute{r}P\gg P\ddot{e}C... C\acute{r}C,P^{\circ}PSPsPIP\ddot{e}C,CH 1$
 $Pi, C_{\eta}PeP_{\mu} C\acute{r}P\gg C-Pr PIPsPrP\ddot{e}C,P\ddot{e} PIPSC\acute{r}C,C_{\eta}C-C\epsilon PSCHPsPIP_{\mu}PSPSPs P^{\circ}P\pm Ps$
 $PIPSC\acute{r}C,C_{\eta}C-C\epsilon PSCHPsPj\mathfrak{b}\mathfrak{h}^{\text{TM}} C_{\eta}P\cdot PsPIPs P\cdot C-PSC,P_{\mu}C_{\eta}PIP^{\circ}P\gg PsPj C\acute{r} 12 PiPsPrP\ddot{e}PS.$
 $P-PIP\ddot{e}C\ddot{+}P^{\circ}PN\ddot{e}PSP^{\circ} C,C_{\eta}P\ddot{e}PIP^{\circ}P\gg C-C\acute{r}C,CH P\gg C-PeC\acute{r}PIP^{\circ}PSPSC_{\eta} \mathfrak{b}\mathfrak{h}^{\text{TM}} 7-10 PrPSC-PI;$
 $C,C_{\eta}P\mathfrak{I}PeC- C-PSC,,P_{\mu}PeC\ddot{+}C-C- PjPsP\mathfrak{I}C\acute{r}C,CH P\ddot{I}PsC,C_{\eta}P_{\mu}P\pm C\acute{r}PIP^{\circ}C,P\ddot{e} P\pm C-P\gg CHC\epsilon$
 $C,C_{\eta}P\ddot{e}PIP^{\circ}P\gg PsPiPs P\gg C-PeC\acute{r}PIP^{\circ}PSPSC_{\eta}.$

$P_{\mu}PrPSP^{\circ}Pe PrPsP\cdot C\acute{r}PIP^{\circ}PSPSC_{\eta} C- C\epsilon P\gg C_{\eta}C... PIPIP_{\mu}PrP_{\mu}PSPSC_{\eta} PIP^{\circ}C_{\eta}C-C_{\eta}C_{\eta}C,CH$
 $P\cdot P^{\circ}P\gg P_{\mu}P\mathfrak{I}PSPs PIC-Pr C\ddot{+}C\acute{r}C,P\gg P\ddot{e}PIPsC\acute{r}C,C- PjC-PeC_{\eta}PsPsC_{\eta}P\ddot{I}P^{\circ}PSC-P\cdot PjC-PI-$
 $P\cdot P\pm C\acute{r}PrPSP\ddot{e}PeC-PI, C\acute{r}C,C\acute{r}P\ddot{I}P_{\mu}PSC_{\eta} C,C_{\eta}P\mathfrak{I}PePsC\acute{r}C,C- C-PSC,,P_{\mu}PeC\ddot{+}C-C-, P^{\circ} C,P^{\circ}PePsP\mathfrak{I}$
 $C,,C\acute{r}PSPeC\ddot{+}C-PsPSP^{\circ}P\gg CHPsPsPiPs C\acute{r}C,P^{\circ}PSC\acute{r} PSP\ddot{e}C_{\eta}PsPe C...PIPsC_{\eta}PsPiPs.$

$P P_{\mu}PePsPjP_{\mu}PSPPrP^{\circ}C\ddot{+}C-C- C\%PsPrPs PrPsP\cdot C\acute{r}PIP^{\circ}PSPSC_{\eta} P\ddot{I}C_{\eta}P_{\mu}P\ddot{I}P^{\circ}C_{\eta}P^{\circ}C,C\acute{r} PrP\gg C_{\eta}$
 $PrPsC_{\eta}PsC\acute{r}P\gg P\ddot{e}C... PSP^{\circ}PIP_{\mu}PrP_{\mu}PSC- C\acute{r} C,P^{\circ}P\pm P\gg P\ddot{e}C\ddot{+}C- 1$

$P\ddot{Y}P^{\circ}P\pm P\gg P\ddot{e}C\ddot{+}C_{\eta} 1$

$P\ddot{+}PSC,,P_{\mu}PeC\ddot{+}C-C- C\acute{r}P_{\mu}C\ddot{+}PsPIP\ddot{e}PIC-PrPSP\ddot{e}C...$ $C\epsilon P\gg C_{\eta}C...C-PI P\gg P_{\mu}PiPePsC- C,P^{\circ}$ $C\acute{r}P_{\mu}C_{\eta}P_{\mu}PrPSC\mathfrak{h}PsC- C,C_{\eta}P\mathfrak{I}PePsC\acute{r}C,C-$	500 PjPi-1 Pi PIPSC $\acute{r}$ C,C η C-C ϵ PSCHPsPIP μ PSPSPs P $^{\circ}$ P $\pm$ Ps PIPSC $\acute{r}$ C,C η C-C ϵ PSCHPsPj $\mathfrak{b}\mathfrak{h}^{\text{TM}}$ C η P $\cdot$ PsPIPs	PePsP $\mathfrak{I}$ PSC- 12 PiPsPrP $\ddot{e}$ PS
$P\ddot{+}PSC\epsilon C- C-PSC,,P_{\mu}PeC\ddot{+}C-C- P\gg P_{\mu}PiPePsC- C,P^{\circ}$ $C\acute{r}P_{\mu}C_{\eta}P_{\mu}PrPSC\mathfrak{h}PsC- C,C_{\eta}P\mathfrak{I}PePsC\acute{r}C,C-$	1 Pi PIPSC $\acute{r}$ C,C η C-C ϵ PSCHPsPIP μ PSPSPs P $^{\circ}$ P $\pm$ Ps PIPSC $\acute{r}$ C,C η C-C ϵ PSCHPsPj $\mathfrak{b}\mathfrak{h}^{\text{TM}}$ C η P $\cdot$ PsPIPs	PePsP $\mathfrak{I}$ PSC- 12 PiPsPrP $\ddot{e}$ PS
$P\ddot{Y}C_{\eta}P\mathfrak{I}PeC- C-PSC,,P_{\mu}PeC\ddot{+}C-C-$	2 Pi PIPSC $\acute{r}$ C,C η C-C ϵ PSCHPsPIP μ PSPSPs	PePsP $\mathfrak{I}$ PSC- 12 PiPsPrP $\ddot{e}$ PS
$P^{\circ}C\acute{r}P\mathfrak{I}P_{\mu} C,C_{\eta}P\mathfrak{I}PeC- C,P^{\circ} P\cdot P^{\circ}P\ddot{I}C_{\eta}PsP\cdot P\gg P\ddot{e}PIC-$ $PrP\gg C_{\eta} P\mathfrak{I}P\ddot{e}C,C,C_{\eta} C-PSC,,P_{\mu}PeC\ddot{+}C-C-$	2 Pi PIPSC $\acute{r}$ C,C η C-C ϵ PSCHPsPIP μ PSPSPs	PePsP $\mathfrak{I}$ PSC- 8 PiPsPrP $\ddot{e}$ PS

$P^{\circ}P\gg C_{\eta} P\ddot{I}C_{\eta}PsC,,C-P\gg P^{\circ}PeC,P\ddot{e}PeP\ddot{e} C_{\eta}PsP\cdot PIP\ddot{e}C,PeC\acute{a} C-PSC,,P_{\mu}PeC\ddot{+}C-PN\ddot{e} P\ddot{I}C_{\eta}P\ddot{e}$
 $P\ddot{I}C_{\eta}PsPIP_{\mu}PrP_{\mu}PSPSC- C...C-C_{\eta}C\acute{a}C_{\eta}PiC-C\ddot{+}PSP\ddot{e}C... PIC,C_{\eta}C\acute{a}C\ddot{+}P^{\circ}PSC\mathfrak{h}. P-P^{\circ} 60$
 $C...PIP\ddot{e}P\gg P\ddot{e}PS PrPs P\ddot{I}PsC\ddot{+}P^{\circ}C,PeC\acute{r} C...C-C_{\eta}C\acute{r}C_{\eta}PiC-C\ddot{+}PSPsC- PsP\ddot{I}P_{\mu}C_{\eta}P^{\circ}C\ddot{+}C-C-$
 $PrPsC_{\eta}PsC\acute{r}P\gg P\ddot{e}Pj PIPsPrP\ddot{e}C,P\ddot{e} 2 Pi P\ddot{I}C_{\eta}P_{\mu}P\ddot{I}P^{\circ}C_{\eta}P^{\circ}C,C\acute{r}$
 $PIPSC\acute{r}C,C_{\eta}C-C\epsilon PSCHPsPIP_{\mu}PSPSPs P\ddot{I}C_{\eta}PsC,C_{\eta}PiPsPj$

30 C...PIP $\ddot{e}$ P $\gg$ P $\ddot{e}$ PS. $P_{\mu}C-C\acute{r}P\gg C_{\eta} P\cdot P^{\circ}PeC-PSC\ddot{+}P_{\mu}PSPSC_{\eta} PIPsPrP\ddot{e}C,P\ddot{e} PrPsPrP^{\circ}C,PePsPIPs$

$$\begin{aligned} & \text{PI} \text{PeC}\%_{\text{Ps}} \text{PIC-PrPsPjP}^{\circ} \text{C,C-P} \gg \text{CHbPePë PePsPSC†PμPSC,C} \text{H} \text{P}^{\circ} \text{C†C-Cl} \text{PeC} \text{H} \text{PμP}^{\circ} \text{C,PëPSC-PSCr} \\ & \text{PI Cl} \text{PëC} \text{H} \text{PsPIP}^{\circ} \text{C,C†C- PeC} \text{H} \text{PsPIC-, C.Ps PeP} \gg \text{C-C} \text{H} \text{PμPSC† PeC} \text{H} \text{PμP}^{\circ} \text{C,PëPSC-PSCr PjPsP} \text{P} \text{PSP}^{\circ} \end{aligned}$$

PIPëP·PSP°C±P°C, Pë P·P° PSP°PIPµPrPµPSPsCñ PSPëP¶C±Pµ C,,PsCñPjCfP»PsCñ:

P§PsP»PsPIC-PePë:

PeP»C-CñPµPSCf PeCñPµP°C, PëPSC-PSCf (PjP»/C...PI) = ;

P-C-PSPePë:

PeP»C-CñPµPSCf PeCñPµP°C, PëPSC-PSCf (PjP»/C...PI) = PIPëC%oPµPSP°PIPµPrPµPSPµ
P·PSP°C±PµPSPSC¶ × 0,85.

PµCñPë PiPµPjPsPrC-P°P»C-P·C- P·P° 3 PiPsPrPëPSPë PIPëPrC-P»C¶C”C, CHCfC¶ P·
PsCñPiP°PSC-P·PjCf PiCñPëP±P»PëP·PSPs 68 % PIC-Pr PrPsP·Pë PiCñPµPiP°CñP°C, Cr.
PµC-CfP»C¶ P·P°PIPµCñC¶PµPSPSC¶ PePsP¶PSPsPiPs CfPµP°PSCfCf PrC-P°P»C-P·Cf
PSPµPsP±C...C-PrPSPs PIPiPsPrPëC, Pë PiPsPIC, PsCñPSCf PrPsP·Cf, C%oPs PrPsCñC-PIPSCñC”
PiPsC±P°C, PePsPIC-PNë PrPsP·C-. PµCñPë P±PµP·PiPµCñPµCñPIPSPsPjCf
P°PjP±CfP»P°C, PsCñPSPsPjCf PiPµCñPëC, PsPSPµP°P»CHPSPsPjCf PrC-P°P»C-P·C-
PiCñPµPiP°CñP°C, PjPsP¶PSP° P·P°CfC, PsCfPsPICfPIP°C, Pë Cf PiPsC±P°C, PePsPIPëC...
PSPsCñPjP°P»CHPSPëC... CñPµPePsPjPµPSPPrPsPIP°PSPëC... PrPsP·P°C... 500 PjPi, 1 P°P±Ps 2 Pi
P·P°P»PµP¶PSPs PIC-Pr C, C¶P¶PePsCfC, C- C-PSC,, PµPeC†C-C— P· C-PSC, PµCñPIP°P»PsPj
PjC-P¶ PrPsP·P°PjPë 48 PiPsPrPëPS.

P”C-C, C¶Pj PIC-PePsPj 1-2 PjC-CfC¶C†C- PiCñPµPiP°CñP°C, PiCñPëP·PSP°C±P°C, Pë
C, C-P»CHPePë P·P° P¶PëC, C,C”PIPëPjPë PiPsPeP°P·P°PSPSC¶PjPë. PŸC, P°PS PrC-C, PµPNë C-P·
PjP°CfPsCñ C, C-P»P° PrPs 40 PePi, C¶PeC- PsC, CñPëPjCfCñC, CH P»C-PeCfPIP°PSPSC¶
C†PµC,, PµPiC-PjPsPj, CfP»C-Pr PiPsCfC, C-PNëPSPs PePsPSC, CñPsP»CñPIP°C, Pë.

P”C-C, C¶Pj C-P· PiPsCñCfC¶PµPSPSC¶PjPë C,, CrPSPeC†C-C— PSPëCñPsPe
CñPµPePsPjPµPSPPrCfC”C, CHCfC¶ P·PjPµPSC¶PµPSPSC¶ PrPsP·Pë P°P±Ps
P·P±C-P»CHC¶PµPSPSC¶ C-PSC, PµCñPIP°P»Cf PjC-P¶ PIPiPµPrPµPSPSC¶PjPë.

P PsP·CñP°C...CfPSPsPe PiPsPeP°P·PSPëPeC-PI PeP»C-CñPµPSCfCf PeCñPµP°C, PëPSC-PSCf Cf
PrC-C, PµPNë:

PeP»C-CñPµPSCf PeCñPµP°C, PëPSC-PSCf (PjP»/C...PI/1,73Pj²) =

P°P±Ps

PeP»C-CñPµPSCf PeCñPµP°C, PëPSC-PSCf (PjP»/C...PI/1,73Pj²) = B бñ” 3,6

P”C-C, Pë PIC-PePsPj PIC-Pr 1 PrPs 2 PjC-CfC¶C†C-PI. P¶PµC,, PµPiC-Pj CfP»C-Pr
PiCñPëP·PSP°C±P°C, Pë C, C-P»CHPePë P·P° P¶PëC, C,C”PIPëPjPë PiPsPeP°P·P°PSPSC¶PjPë Cf
PrPsP·C- 30 PjPi/PePi PjP°CfPë C, C-P»P° PePsP¶PSC- 12 P°P±Ps 8 PiPsPrPëPS, P·P°P»PµP¶PSPs
PIC-Pr C, C¶P¶PePsCfC, C- C-PSC,, PµPeC†C-C—.

P”C-C, Pë PIC-PePsPj PIC-Pr 2 PjC-CfC¶C†C-PI. PñP°PeCfPëPjP°P»CHPSP° PrPsP·P° PrP»C¶
PrC-C, PµPNë PSPµ PiPsPIPëPSPSP° PiPµCñPµPIPëC%oCfPIP°C, Pë CñPµPePsPjPµPSPPrPsPIP°PSCf

PrPsP·Cf PrP»Cf PrPsCfPsCfP»PëC.... P—PIPëCfP°PNëPSP° CfPµPePsPjPµPSPPrPsPIP°PSP°
 PrPsP·P° PrP»Cf PrC-C,PµPNë P· PjP°CfPsCf C,C-P»P° PrPs 40 PePi, Cf CfP°P·C-
 CfCfPeP»P°PrPSPµPSPëC... P°P±Ps PSPµCfCfPeP»P°PrPSPµPSPëC... C-PSC,,PµPeCfC-PNë
 CfPµCfPsPIPëPIC-PrPSPëC... CëP»CfC...C-PI (PIPeP»CfCfP°CfCfPë
 PiC-C"P»PsPSPµC,,CfPëC,,), PSPµCfCfPeP»P°PrPSPµPSPëC... C-PSC,,PµPeCfC-PNë CëPeC-CfPë,
 PïPSPµPIPjPsPSC-C—, P° C,P°PePsP¶ Cf CfP°P·C- PµPjPiC-CfPëCfPSPsPiPs
 P»C-PeCfPIP°PSPSCf C,,PµP±CfPëP»CHPSPsC— PSPµPNëC,CfPsPiPµPSC-C—
 CfC,P°PSPsPIPëC,CH 50 PjPi/PePi PePsP¶PSC- 12 PiPsPrPëPS (C...PIPsCfPëPj PSP°
 C,,PµP±CfPëP»CHPSCf PSPµPNëC,CfPsPiPµPSC-Cf C,P° P±P°PeC,PµCfC-P°P»CHPSPëPNë
 PjPµPSC-PSPiC-C, - PePsP¶PSC- 8 PiPsPrPëPS). P—PIPëCfP°PNëPSP° C,CfPëPIP°P»C-CfC,CH
 P»C-PeCfPIP°PSPSCf CfC,P°PSPsPIPëC,CH 7-10 PrPSC-PI, C,CfP¶PeC- C-PSC,,PµPeCfC-C—
 PjPsP¶CfC,CH PIPëPjP°Pi°C,Pë C,CfPëPIP°P»C-CëPsPiPs P»C-PeCfPIP°PSPSCf.

*P"C-C,Pë P· PjP°CfPsCf C,C-P»P° 40 PePi C- P±C-P»CHCëPµ.PiPµC,,PµPiC-Pj
 PiCfPëP·PSP°CfP°C,Pë, CfPe PrPsCfPsCfP»PëPj.*

*P'PIPµPrPµPSPSCf PiCfPµPiP°CfP°C,Cz. PµCfPµPiP°CfP°C, PjPsP¶PSP° PIPiPsPrPëC,Pë
 PIPSCfC,CfC-CëPSCfPsPIPµPSPSPs P°P±Ps P·P° PrPsPiPsPjPsPiPsCf PiP»PëP±PsPePsC—
 PIPSCfC,CfC-CëPSCfPsPj'CfP·PsPIPSC— C-PS'C"PëCfC-C— Cf PIPµP»PëPeCf Pj'CfP·PsPICf
 PjP°CfCf (PSP°PiCfPëPeP»P°Pr, Cf PIPµCfC...PSC-PNë P·PsPIPSC-CëPSC-PNë PePIP°PrCfP°PSC,
 CfC-PrPSPëCfPSPsPiPs Pj'CfP·P° bñ“ gluteus maximus).*

*P'PSCzC,CfC-CëPSCfPsPIPµPSPSPµ PIPiPµPrPµPSPSCf.
 P'PSCfC,CfC-CëPSCfPsPIPµPSPSPëPNë CëP»CfC... PIPiPµPrPµPSPSCf PeCfP°C%PëPNë
 PrP»Cf C...PIPsCfPëC... C-P· C,CfP¶PePëPjPë P°P±Ps P·P°PiCfPsP·P»PëPIPëPjPë PrP»Cf
 P¶PëC,C,Cf C-PSC,,PµPeCfC-CfPjPë.*

*PµCfPë PIPSCfC,CfC-CëPSCfPsPIPµPSPSPsPjCf PIPiPµPrPµPSPSC- CfPµC,,PµPiC-Pj CfP»C-Pr
 CfPsP·CfPëPSCfC,Pë Cf CfC,PµCfPëP»CHPSC-PNë PIPsPrC- PrP»Cf C-PS'C"PëCfC-PNë, Cf*

*5 % CfPsP·CfPëPSC- PiP»CfPePsP·Pë PrP»Cf C-PS'C"PëCfC-PNë P°P±Ps 0,9 % CfPsP·CfPëPSC-
 PSP°C,CfC-Cf C...P»PsCfPëPrCf, CfPe P·P°P·PSP°CfPµPSPs C,P°P±P»PëCfC- 3. P'PIPsPrPëC,Pë
 PIPSCfC,CfC-CëPSCfPsPIPµPSPSPs PiPsPIC-P»CHPSPs PiCfPsC,CfPiPsPj 3-5 C...PIPëP»PëPS
 P°P±Ps CfPµCfPµP· CfPëCfC,PµPjCf PrP»Cf PIPSCfC,CfC-CëPSCfPsPIPµPSPSPsPiPs
 PIPiPµPrPµPSPSCf.*

*P'PSCzC,CfC-CëPSCfPsPjñ™ CfP·PsPIPµ PIPiPµPrPµPSPSCf. PµCfPµPiP°CfP°C, PjPsP¶PSP°
 CfPsP·CfPëPSCfC,Pë Cf CfC,PµCfPëP»CHPSC-PNë PIPsPrC- PrP»Cf C-PS'C"PëCfC-PNë, 0,9 %
 CfPsP·CfPëPSC- PSP°C,CfC-Cf C...P»PsCfPëPrCf PrP»Cf C-PS'C"PëCfC-PNë, 5 %
 CfPsP·CfPëPSC- PiP»CfPePsP·Pë PrP»Cf C-PS'C"PëCfC-PNë,
 P±P°PeC,PµCfC-PsCfC,P°C,PëCfPSC-PNë PIPsPrC- PrP»Cf C-PS'C"PëCfC-PNë P·
 PiP°CfP°P±PµPSPsPj P°P±Ps P±PµPSP·PëP»PsPIPëPj CfPiPëCfC,PsPj, 0,5 % P°P±Ps 1 %
 CfPsP·CfPëPSC- P»C-PrPsPeP°C—PSCf PiC-PrCfPsC...P»PsCfPëPrCf Cf
 PePsPSCfPµPSC,CfP°CfC-CfC..., C%Ps PIPeP°P·P°PSC- PSPëP¶CfPµ Cf C,P°P±P»PëCfC- 3.*

*PµCfPë P·P°CfC,PsCfCfPIP°PSPSC- P»C-PrPsPeP°C—PSCf CfPe CfPsP·CfPëPSPSPëPeP°
 PiPµCfPµPr PIPiPµPrPµPSPSCfPj CfP»C-Pr P·CfPsP±PëC,Pë CëPeC-CfPSCf PiCfPsP±Cf PSP°
 PNëPsPiPs PiPµCfPµPSPSCfPëPjC-CfC,CH.*

PŸPëPjPiC,PsPjPë. PJ PIPëPiP°PrPeP°C... P·PSP°C‡PSPsPiPs PiPµCḡPµPIPëC%PµPSPSCḡ CḡPµPePsPjPµPSPPrPsPIP°PSPëC... PrPsP·, PsCḡPsP±P»PëPIPs Cr C...PIPsCḡPëC... C-P· PiPsCḡCrCëPµPSPSCḡPjPë C,,CrPSPeC†C-C— PSPëCḡPsPe, PiPsCḡPëP»CḡCḡC,CHCḡCḡ PiCḡPsCḡPIPë PiPsP±C-C‡PSPëC... CḡPµP°PeC†C-PNë. PŸPëPjPiC,PsPjPë PiPµCḡPµPrPsP·CrPIP°PSPSCḡ PIPeP»CḡC‡P°CḡC,CH PµPSC†PµC,,P°P»PsPiP°C,C-Cḡ, C%Ps CḡCrPiCḡPsPIPsPrPḡCrC”C,CHCḡCḡ PiP°P»CḡC†PëPSP°C†C-CḡPjPë, PiPsCḡCrCëPµPSPSCḡPj CḡPIC-PrPsPjPsCḡC,C-, CḡC,CrPiPsCḡPsPj, PePsPjPsCḡ; PjC-PsPeP»PsPSC-Cḡ; PµPiC-P»PµPiC,PsC,,PsCḡPjPSC- PSP°PiP°PrPë; PSPµPNëCḡPsPjḡḡ™ CḡP·PsPICḡ P·P±CrPrP»PëPIC-CḡC,CH.

P>C-PeCáPIP°PSPSCḡ. PŸP»C-Pr PiCḡPëPiPëPSPëC,Pë PIPIPµPrPµPSPSCḡ PiCḡPµPiP°CḡP°C,Cr, PiCḡPsPIPµCḡC,Pë CḡPëPjPiC,PsPjP°C,PëC‡PSCḡ C,PµCḡP°PiC-Cḡ. P—P°CḡC,PsCḡCrPIP°PSPSCḡ PiPµPjPsPrC-P°P»C-P·Cr PiCḡPëCḡPePsCḡCḡ” PIPëPrP°P»PµPSPSCḡ C†PµC,,PµPiC-PjCr P· PsCḡPiP°PSC-P·PjCr; PiPµCḡPëC,PsPSPµP°P»CHPSPëPNë PrC-P°P»C-P· PjP°P»PsPµC,,PµPeC,PëPIPSPëPNë. PŸCḡPḡḡPeC- P°P»PµCḡPiC-C‡PSC- CḡPµP°PeC†C-C— PSPµPiP°PNëPSPsPiPs C,PëPiCr PiPsC,CḡPµP±CrCḡC,CH P·P°CḡC,PsCḡCrPIP°PSPSCḡ P°PrCḡPµPSP°P»C-PSCḡ C,P° C-PSCëPëC... C,,PsCḡPj C-PSC,PµPSCḡPëPIPSPsC— C,PµCḡP°PiC-C—.

PµPsP±C-C‡PSC- CḡPµP°PeC†C-C—.

PµC-PrPIPëC%PµPSP° C‡CáC,P»PëPIC-CḡC,CH: CḡPIPµCḡP±C-Pḡ, PeCḡPsPiPëPiḡḡ™ CḡPSPeP°, P°PSP°C,,C-P»P°PeCḡC-Cḡ.

P— P±PsPeCá C,CḡP°PIPSPsPiPs C,CḡP°PeC,Cá: PSCḡPrPsC,P°, P±P»CḡPiP°PSPSCḡ, PeP°PSPPrPëPrPsP· CḡPsC,PsPIPsC— PiPsCḡPsPḡḡPSPëPSPë, PrC-P°CḡPµCḡ, PePsP»C-C, (Cr C,PsPjCr C‡PëCḡP»C- PiCḡPµPIPrPsPjPµPjP±CḡP°PSPsP·PSPëPNë), P±C-P»CH Cr PḡḡPëPIPsC,C-, P·P°PiPsCḡ.

P— P±PsPeCá PSPµCḡPIPsPIPsC— CḡPëCḡC,PµPjPë: PiPsP»PsPIPSPëPNë P±C-P»CH, PµPiC-P»PµPiC,PsC,,PsCḡPjPSC- PSP°PiP°PrPë, P·P°PiP°PjPsCḡPsC‡PµPSPSCḡ, PiP°CḡPµCḡC,PµP·C-Cḡ;

C-PSCëC-: PiP°CḡCḡC‡PeP°, PIP°PiC-PSC-C,, PµCḡPëC,PµPjP°, PIP°P·PsPrPëP»P°C,P°C†C-Cḡ, CḡPsP·P»P°PrPë PrPëC...P°PSPSCḡ, PiPµPSC-C,P°P»CHPSPëPNë CḡPIPµCḡP±C-Pḡ, PeP°PSPPrPëPrPsP·.

P>PsPeP°P»CHPSC- CḡPµP°PeC†C-C— Cr PjC-CḡC†C- PIPIPµPrPµPSPSCḡ PiCḡPµPiP°CḡP°C,Cr: PiCḡPë PIPSCáC,CḡC-CëPSCḡPsPIPµPSPSPsPjCá ḡḡ” C,,P»PµP±C-C, C,P° P·P°PiP°P»PµPSPSCḡ;

PiCḡPë PIPSCáC,CḡC-CëPSCḡPsPjḡḡ™ CḡP·PsPIPsPjCá ḡḡ” P±C-P»CH, P·P°PiP°P»PµPSPSCḡ.

PµPsCḡC,PjP°CḡPePµC,PëPSPiPsPIC- PrPsCḡP»C-PrPḡḡPµPSPSCḡ:

ḡḡ” PµPSC†PµC,,P°P»PsPiP°C,C-Cḡ (PIC,CḡP°C,P° CḡPIC-PrPsPjPsCḡC,C-, PiP°P»CḡC†PëPSP°C†C-Cḡ, CḡC,CrPiPsCḡ, PePsPjP°), PjC-PsPeP»PsPSC-Cḡ, PSPëCḡPePsPIP° PSPµPrPsCḡC,P°C,PSC-CḡC,CH;

ḡḡ” P°PSP°C,,C-P»P°PeCḡC-Cḡ, Cr C,PsPjCr C‡PëCḡP»C- P°PSP°C,,C-P»P°PeC,PëC‡PSPëPNë CëPsPe, C,CḡP°PSP·PëC,PsCḡPSP° P»PµPNëPePsPiPµPSC-Cḡ, PSPµPNëC,CḡPsPiPµPSC-Cḡ, P°PiCḡP°PSCḡP»PsC†PëC,PsP· C,P° C,CḡPsPjP±PsC†PëC,PsPiPµPSC-Cḡ.

$$\begin{aligned} & \text{P}\mathbf{k}\text{P}\mathbf{l} \text{ P}\cdot\text{P}\mathbf{j}\text{C}-\text{C}\mathbf{\epsilon}\text{C}\mathbf{r}\text{P}\mathbf{I}\text{P}^{\circ}\text{C}, \text{P}\mathbf{\epsilon} \text{ P}\mathbf{I} \text{ P}\mathbf{s}\text{P}\mathbf{r}\text{P}\mathbf{S}\text{C}-\text{P}\mathbf{N}\mathbf{\epsilon} \text{ C}''\text{P}\mathbf{j}\text{P}\mathbf{e}\text{P}\mathbf{s}\text{C}\mathbf{f}\text{C}, \text{C}-\text{P}\cdot \text{C}-\text{P}\mathbf{S}\text{C}\mathbf{\epsilon}\text{P}\mathbf{\epsilon}\text{P}\mathbf{j}\text{P}\mathbf{\epsilon} \\ & \text{P}\gg\text{C}-\text{P}\mathbf{e}\text{P}^{\circ}\text{C}\mathbf{f}\text{C}\mathbf{h}\text{P}\mathbf{e}\text{P}\mathbf{\epsilon}\text{P}\mathbf{j}\text{P}\mathbf{\epsilon} \text{ P}\cdot\text{P}^{\circ}\text{C}\mathbf{f}\text{P}\mathbf{s}\pm\text{P}^{\circ}\text{P}\mathbf{j}\text{P}\mathbf{\epsilon}. \text{P}-\text{P}^{\circ}\text{C}\mathbf{f}\text{C}, \text{P}\mathbf{s}\text{C}\mathbf{f}\text{P}\mathbf{s}\text{P}\mathbf{I}\text{C}\mathbf{r}\text{P}\mathbf{I}\text{P}^{\circ}\text{C}, \text{P}\mathbf{\epsilon} \end{aligned}$$

C₇PsP·C‡PëPSPSPëPePë, P·P°P·PSP°C‡PμPSC- C₇ C₇PsP·PrC-P»C- B«PŸPïPsC₇C-P±
P·P°C₇C,PsC₇C₇PIP°PSPSC₇ C,P° PrPsP·PëB».

PJPïP°PePsPIPeP°.

PμPs 1 C,,P»P°PePsPSC₇ C₇ PeP°C₇C,PsPSPSC-PNë PePsC₇PsP±C‡C-.

P₇P°C,PμPiPsC₇C-C₇ PIC-PrPïC₇C₇PeC₇.

P—P° C₇PμC‡PμPïC,PsPj.

P'PëC₇PsP±PSPëPe.

P·PeC₇C-C₇ PαP°C₇PjP°C₇CH₇CH₇C,PëPeP°P» P₇PsPjPïP°PSC-, P‡C₇P°PS.

Exir Pharmaceutical Company, Iran.

**P₇C-C₇C‡PμP·PSP°C...PsPrP¶PμPSPSC₇ PIPëC₇PsP±PSPëPeP° C,P° PNëPsPiPs
P°PrC₇PμC₇P° PjC-C₇C‡C₇ PïC₇PsPIP°PrP¶PμPSPSC₇ PrC-C₇P»CH₇PSPsC₇C,C-.**

2-PëPNë PePj P C-PSPi P PsC₇Pr, P'PsC₇C₇PrP¶PμC₇Pr 69189, P‡C₇P°PS.

2nd Km Ring Road, Boroujerd 69189, Iran.