

P†PƧPŸPŸP PJPљP†P†Pİ

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

P•P—PhP>PhPƧP“B®

(EZOLONG^{B®})

PŸPeP»P°Pr:

PrC-CHC‡P° CĤPµC‡PsPIPëPSP°: PµP·PsPjPµPİCĤP°P·PsP»;

1 C„P»P°PePsPS PjC-CÍC,PëC,CH PµP·PsPjPµPİCĤP°P·PsP»Cf PSP°C,CĤC-CH 42,60 PjPi,
C‰Ps PµPePIC-PIP°P»PµPSC,PSPs PµP·PsPjPµPİCĤP°P·PsP»Cf 40 PjPi;

*PrPsPiPsPjC-P¶PSC- CĤPµC‡PsPIPëPSPë: PrPëPSP°C,CĤC-CH PµPrPµC,P°C, (PŸCĤPëP»PsPS
P'), PSP°C,CĤC-CH PiC-PrCĤPsPeCÍPëPr.*

P»C-PeP°CĤCÍCHPeP° C„PsCĤPjP°. PµPsCĤPsC€PsPe PrP»Cİ CĤPsP·C‡PëPSCf PrP»Cİ
C-PSBĤ™C”PeC†C-PNë P°P±Ps C-PSC„CfP·C-PNë.

*PhCÍPSPsPIpsc- C„C-P·PëPePs-C...C-PjC-C‡PSC- PIP»P°CÍC,PëPIPsCÍC,C-:
PİPsCĤPëCÍC,PëPNë C,P° PsPrPSPsCĤC-PrPSPëPNë P»C-PsC„C-P»C-P·PsPIP°PSPëPNë
PİPsCĤPsC€PsPe P±C-P»PsPiPs P°P±Ps PjP°PNëP¶Pµ P±C-P»PsPiPs PePsP»CHPsCĤCf.*

PƧP°CĤPjP°PePsC,PµCĤP°PİPµPIC,PëC‡PSP° PiCĤCfPİP°.

P—P°CÍPsP±Pë PrP»Cİ P»C-PeCfPIP°PSPSCİ PİPµPİC,PëC‡PSPsC— PIPëCĤP°P·PePë
C,P° PİP°CÍC,CĤPsPµP·PsC„P°PİPµP°P»CHPSPsC— CĤPµC„P»CHPeCÍPSPsC—
C...PIPsCĤPsP±Pë. P†PSPiC-P±C-C,PsCĤPë PİCĤPsC,PsPSPSPsC— PİPsPjPİPë.
P•P·PsPjPµPİCĤP°P·PsP». PљPsPr PhPŸPİ A02B C05.

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

PƧP°CĤPjP°PePsPrPëPSP°PjC-PeP°.

P•P·PsPjPµPİCĤP°P·PsP» C” S-C-P·PsPjPµCĤPsPj PsPjPµPİCĤP°P·PsP»Cf, C‰Ps
PİCĤPëPiPSC-C‡CfC” CÍPµPeCĤPµC†C-CH PePëCÍP»PsC,Pë C€P»CfPSPePsPIPsPiPs
CÍPsPeCf P·P°PIPrCİPePë CÍPİPµC†PëC„C-C‡PSPsPjCf PSP°PİCĤP°PIP»PµPSPsPjCf
PjPµC...P°PSC-P·PjCf PrC-C—. P’C-PS C” CÍPİPµC†PëC„C-C‡PSPëPj
C-PSPiC-P±C-C,PsCĤPsPj PePëCÍP»PsC,PSPsC— PİPsPjPİPë

PiC7PëPiPSC-C#PµPSPSCl CÍPµPeC7PµC†C-C— PePëCÍP»PsC,Pë. PµC7Pë
PíPµC7PsC7P°P»CHPSPsPjCr P·P°CÍC,PsCÍCrPIP°PSPSC- PµP·PsPjPµPíC7P°P·PsP»Cr PI
PrPsP·C- 40 PjPi PíC7PëP±P»PëP·PSPs Cr 78 % PíP°C†C-C”PSC,C-PI C-P·
C7PµC,,P»C7PeCÍPSPëPj PµP·PsC,,P°PiC-C,PsPj C#PµC7PµP· 4 C,PëP¶PSC- C,P° Cr 93 %
C#PµC7PµP· 8 C,PëP¶PSC-PI P»C-PeCÍPIP°PSPSCl PIC-PrP·PSP°C#P°C”C,CHCÍCl
PsPrCrP¶P°PSPSCl.

P—PiC-PrPSPs P· PsPíCrP±P»C-PePsPIP°PSPëPjPë C7PµP·CÍP»CHC,P°C,P°PjPë
C7P°PSPPrPsPjC-P·PsPIP°PSPsPiPs PíPsPrPIC-PNëPSPsPiPs CÍP»C-PíPsPiPs
PíP»P°C†PµP±Ps-PePsPSC,C7PsP»CHPSPPIP°PSPsPiPs PeP»C-PSC-C#PSPsPiPs
PrPsCÍP»C-PrP¶PµPSPSCl PíP°C†C-C”PSC,C-PI C-P· PµPSPPrPsCÍPePsPiC-C#PSPs
PrPsPIPµPrPµPSPsC7 PíPµPíC,PëC#PSPsC7 PIPëC7P°P·PePsC7 PeP»P°CÍCr P†P°, P†P±,
P†P†P° C#Pë P†P†P± (9 %, 43 %, 38 % C,P° 10 % PIC-PrPíPsPIC-PrPSPs) P·P°
PαPsC7PµCÍC,PsPj PIC-PrP·PSP°C#PµPSPs P·PSPëP¶PµPSPSCl C#P°CÍC,PsC,Pë
PíPsPIC,PsC7PSPsC— PeC7PsPIPpsC,PµC#C- Cr PíPµC7C€C- 72 PíPsPrPëPSPë PjP°PNëP¶Pµ
Cr 2 C7P°P·Pë PSP° C,P»C- P·P°CÍC,PsCÍCrPIP°PSPSCl PµP·PsPjPµPíC7P°P·PsP»Cr
PIPSCÍC,C7C-C€PSC7PSPsPIPµPSPSPs Cr PíPsC7C-PIPSClPSPSC-.

P†PSC€C- PµC,,PµPeC,Pë, PíPsPIB7™ ClP·P°PSC- P· PíC7PëPiPSC-C#PµPSPSClPj
CÍPµPeC7PµC†C-C— PePëCÍP»PsC,Pë. PµC-Pr C#P°CÍ P»C-PeCÍPIP°PSPSCl
P°PSC,PëCÍPµPeC7PµC,PsC7PSPëPjPë P·P°CÍPsP±P°PjPë C7C-PIPµPSC7 PíP°CÍC,C7PëPSCr PI
CÍPëC7PsPIP°C,C†C- PeC7PsPIC- P·C7PsCÍC,P°C”. PíPµ C” C,,C-P·C-PsP»PsPiC-C#PSPsC7
C7PµP°PeC†C-C”C7 PSP° P·PSPëP¶PµPSPSCl CÍPµPeC7PµC†C-C— PePëCÍP»PsC,Pë.
P C-PIPµPSC7 C...C7PsPjPsPiC7P°PSC-PSCr P7 (CgA) C,P°PePsP¶ P·C7PsCÍC,P°C”
PIPSP°CÍP»C-PrPsPe P·PjPµPSC€PµPSPSCl PePëCÍP»PsC,PSPsCÍC,C- C€P»CrPSPePsPIPsPiPs
CÍPsPeCr.

PJ PrPµClPePëC... PíP°C†C-C”PSC,C-PI PíC-Pr C#P°CÍ PrPsPIPiPsC,C7PëPIP°P»PsPiPs
P»C-PeCÍPIP°PSPSCl PíPµC7PsC7P°P»CHPSPëPjPë C,,PsC7PjP°PjPë
PµP·PsPjPµPíC7P°P·PsP»Cr PIC-PrP·PSP°C#P°P»PsCÍCH PíC-PrPIPëC%PµPSPSCl
PeC-P»CHPePsCÍC,C- PµPSC,PµC7PsC...C7PsPjP°C,,C-PSPsPíPsPrC-P±PSPëC...
PeP»C-C,PëPS, PjPsP¶P»PëPIPs PíPsPIB7™ ClP·P°PSPµ P·C- P·P±C-P»CHC€PµPSPSClPj
C7C-PIPSCl PíP°CÍC,C7PëPSCr. PýP°PePsP¶ PjP°C” PjC-CÍC†Pµ PrPµClPePµ
P·C7PsCÍC,P°PSPSCl C#P°CÍC,PsC,Pë CrC,PIPsC7PµPSPSCl Cr CÍP»PëP·PsPIC-PNë
PsP±PsP»PsPSC†C- C€P»CrPSPeP° PíP»P°PSPPrCrP»ClC7PSPëC... PeC-CÍC,, PíC-
P·PjC-PSPë C” C,,C-P·C-PsP»PsPiC-C#PSPëPj PSP°CÍP»C-PrPePsPj
PIPëC7P°P¶PµPSPsPiPs PíC7PëPiPSC-C#PµPSPSCl CÍPµPeC7PµC†C-C—
C€P»CrPSPePsPIPsPiPs CÍPsPeCr, PjP°C7C,CH PrPsP±C7PsCµPeC-CÍPSCr C,P°
PsP±PsC7PsC,PSCr PíC7PëC7PsPrCr.

P—PjPµPSC€PµPSPSCl PePëCÍP»PsC,PSPsCÍC,C- C€P»CrPSPePsPIPsPiPs CÍPsPeCr C-P·
P±CÍPrCH-CµPePëC... PíC7PëC#PëPS, Cr C,PsPjCr C#PëCÍP»C- PIPSP°CÍP»C-PrPsPe
P·P°CÍC,PsCÍCrPIP°PSPSCl C-PSPiC-P±C-C,PsC7C-PI PíC7PsC,PsPSPSPsC— PíPsPjPíPë
(P†PµPµ), PíC7PëP·PIPsPrPëC,CH PrPs P·P±C-P»CHC€PµPSPSCl Cr C€P»CrPSPeCr
PeC-P»CHPePsCÍC,C- P±P°PeC,PµC7C-PNë, C%Ps P·P°P·PIPëC#P°PNë PSP°CµPIPSC- Cr
C€P»CrPSPePsPIPs-PePëC€PePsPIPsPjCr C,C7P°PeC,C-. P>C-PeCÍPIP°PSPSCl P†PµPµ
PjPsP¶Pµ PrPµC%Ps P·P±C-P»CHC€CÍPIP°C,Pë C7PëP·PëPe C€P»CrPSPePsPIPs-
PePëC€PePsPIPëC... C-PSC,,PµPeC†C-PNë, P·CrPjPsPIP»PµPSPëC..., PSP°PíC7PëPeP»P°Pr,

Salmonella C, P° *Campylobacter*, C, P° Cr PiPsCfPiC-C, P°P»C-P·PsPIP°PSPëC...
PiP°C†C-C" PSC, C-PI, PjPsP¶P»PëPIPs, P·CrPjPsPIP»PµPSPëC... *Clostridium difficile*.

P"C-C, Pë

P PµP·CrP»CHbC, P°C, Pë, PsC, C¶PëPjP°PSC- Cr PiC¶PsC†PµCfC-
PrPsCfP»C-PrP¶PµPSCb P· CrC†P°CfC, C¶ PiP°C†C-C" PSC, C-PI PrPëC, C¶C†PsPiPs
PIC-PeCr, PiPsPeP°P·CrC¶C, CHb, C%Ps PrPsP·Pë PµP·PsPjPµPiC¶P°P·PsP»Cr 0,5 PjPi/PePi
C- 1,0 PjPi/PePi Cr PSPµPjPsPIP»C¶C, PIC-PePsPj < 1 PjC-CfC¶C†C¶C C- 1-11
PjC-CfC¶C†C-PI PIC-PrPiPsPIC-PrPSPs P·PSPëP¶CrC¶C, CHb CfPµC¶PµPrPSC-PNë
PIC-PrCfPsC, PsPe C†P°CfCr P· C¶P¶ < 4 Cr CfC, C¶P°PIPsC...PsPrC-.

PµC¶PsC,, C-P»CHb P±PµP·PiPµPePë P·P°CfC, PsCfCrPIP°PSPSC¶ PiC¶PµPiP°C¶P°C, Cr
PIPëC¶PIPëPICfC¶ PiPsPrC-P±PSPëPj PrPs C, PsPiPs, C%Ps
CfPiPsCfC, PµC¶C-PiP°PICfC¶ Cr PrPsC¶PsCfP»PëC....

PαP°C¶PjP°PePsPeC-PSPµC, PëPeP°.

P PsP·PiPsPrC-P». P·P·PsPjPµPiC¶P°P·PsP» PSP° 97 % P·PiB¶™ C¶P·CrC"C, CHbCfC¶ P·
P±C-P»PeP°PjPë PiP»P°P·PjPë PeC¶PsPIC-. PjC¶IPSPëPNë PsP±B¶™ C"Pj C¶PsP·PiPsPrC-P»Cr Cr
CfC, P°C†C-PsPSP°C¶PSPsPjCr CfC, P°PSC- Cr P·PrPsC¶PsPIPëC... PrPsP±C¶PsPIPsP»CHbC†C-PI
CfC, P°PSPsPIPëC, CHb PiC¶PëP±P»PëP·PSPs 0,22 P»/PePi PjP°CfPë C, C-P»P°.

P¶PµC, P°P±PsP»C-P·Pj. P·P·PsPjPµPiC¶P°P·PsP» PiPsPIPSC-CfC, C¶
PjPµC, P°P±PsP»C-P·CrC"C, CHbCfC¶ CfPëCfC, PµPjPsC¶ C†PëC, PsC...C¶PsPjCr P 450 (CYP).
PhCfPSPsPIPS° C†P°CfC, PëPSP° PjPµC, P°P±PsP»C-P·PjCr PµP·PsPjPµPiC¶P°P·PsP»Cr
P·P°P»PµP¶PëC, CHb PIC-Pr PiPsP»C-PjPsC¶C,, PSPsPiPs CYP2C19, C%Ps PIC-PrPiPsPIC-PrP°C"
P·P° CrC, PIPsC¶PµPSPSC¶ PiC-PrC¶PsPeCfPë- C, P° PrPµCfPjPµC, PëP»PjPµC, P°P±PsP»C-C, C-PI
PµP·PsPjPµPiC¶P°P·PsP»Cr. P PµC¶C, P° PjPµC, P°P±PsP»C-P·PjCr
P·P°P±PµP·PiPµC†CrC"C, CHbCfC¶ C-PSC¶PsC¶ CfPiPµC†PëC,, C-C†PSPsC¶
C-P·PsC,, PsC¶PjPsC¶, CYP3A4, C%Ps PIC-PrPiPsPIC-PrP°C" P·P° CrC, PIPsC¶PµPSPSC¶
PµP·PsPjPµPiC¶P°P·PsP»Cr CfCrP»CHbC,, PsPSCr, PsCfPSPsPIPSsPiPs PjPµC, P°P±PsP»C-C, Cr Cr
PiP»P°P·PjC- PeC¶PsPIC-.

P¶PëP¶C†PµPSP°PIPµPrPµPSC- PiP°C¶P°PjPµC, C¶Pë PIC-PrPsP±C¶P°P¶P°C¶C, CHb
PiPµC¶PµPiP°P¶PSPs C,, P°C¶PjP°PePsPeC-PSPµC, PëPeCr PI PsCfC-P± C-P·
C,, CrPSPeC†C-PsPSP°P»CHbPSPëPj C,, PµC¶PjPµPSC, PsPj CYP2C19, C, PsP±C, Ps Cr
C¶PePëC... PjPµC, P°P±PsP»C-P·Pj PµP·PsPjPµPiC¶P°P·PsP»Cr
PIC-PrP±CrPIP°C"C, CHbCfC¶ C¶PIPëPrC¶Pµ.

P—P°PiP°P»CHbPSPëPNë PiP»P°P·PjPsPIPëPNë PeP»C-C¶PµPSCf CfC, P°PSPsPIPëC, CHb
PiC¶PëP±P»PëP·PSPs 17 P»/PiPsPrPëPSCr PiC-CfP»C¶ PiC¶PëPNëPsPjCr
PsPrPSPsC¶P°P·PsPIPsC— PrPsP·Pë C, P° PiC¶PëP±P»PëP·PSPs 9 P»/PiPsPrPëPSCr
PiC-CfP»C¶ PiPsPIC, PsC¶PSPsPiPs P·P°CfC, PsCfCrPIP°PSPSC¶
P»C-PeP°C¶CfCHbPePsPiPs P·P°CfPsP±Cr. PµPµC¶C-PsPr
PSP°PiC-PIPIPëPIPµPrPµPSPSC¶ PiC¶PµPiP°C¶P°C, Cr C-P· PiP»P°P·PjPë PeC¶PsPIC-
CfC, P°PSPsPIPëC, CHb PiC¶PëP±P»PëP·PSPs 1,3 PiPsPrPëPSPë PiC¶Pë
PiPsPIC, PsC¶PSPsPjCr P·P°CfC, PsCfCrPIP°PSPSC- 1 C¶P°P· PSP° PrPsP±Cr. AUC
P·C¶PsCfC, P°C" PiC¶Pë PiPsPIC, PsC¶PSPsPjCr P·P°CfC, PsCfCrPIP°PSPSC-

[illegible]

$P''PsC\dot{I}P \gg C - PrP \parallel P_{\mu}PSPSC\dot{I} P \cdot P^{\circ} C\dot{r}C\ddot{+}P^{\circ}C\dot{I}C, C\ddot{H} P\ddot{i}P^{\circ}C\dot{+}C - C''PSC, C - PI P \cdot C -$
 $P \cdot PSP\ddot{e}P \parallel P_{\mu}PSPsC\ddot{H} C, C\dot{r}PSPeC\dot{+}C - C''C\ddot{H} PSP\ddot{e}C\ddot{H}PsPe PSP_{\mu} P\ddot{i}C\ddot{H}PsPIP sPrP\ddot{e}P \gg P\ddot{e}C\dot{I}C\dot{I}.$
 $P\ddot{h}C\dot{I}PeC - P \gg C\ddot{H}PeP\ddot{e} PSP\ddot{e}C\ddot{H}PeP\ddot{e} PIC - PrP\ddot{i}PsPIC - PrP^{\circ}C\ddot{H}C, C\ddot{H} P \cdot P^{\circ}$
 $PIP\ddot{e}PIP_{\mu}PrP_{\mu}PSPSC\dot{I} PjP_{\mu}C, P^{\circ}P \pm PsP \gg C - C, C - PI P_{\mu}P \cdot PsPjP_{\mu}P\ddot{i}C\ddot{H}P^{\circ}P \cdot PsP \gg C\dot{r}, P^{\circ}P \gg P_{\mu} PSP_{\mu}$
 $P \cdot P^{\circ} PIP\ddot{e}PIP_{\mu}PrP_{\mu}PSPSC\dot{I} PsC\dot{I}PSPsPIPSPsC - C\dot{I}P\ddot{i}PsP \gg C\dot{r}PeP\ddot{e}, C\dot{r} P\ddot{i}P^{\circ}C\dot{+}C - C''PSC, C - PI$
 $C - P \cdot P\ddot{i}PsC\ddot{H}C\dot{r}C\ddot{e}P_{\mu}PSPSC\dot{I}PjP\ddot{e} C, C\dot{r}PSPeC\dot{+}C - C - PSP\ddot{e}C\ddot{H}PsPe P \cdot PjC - PS$
 $PjP_{\mu}C, P^{\circ}P \pm PsP \gg C - P \cdot PjC\dot{r} PSP_{\mu} PsC\dot{+}C - PeC\dot{r}C''C, C\ddot{H}C\dot{I}C\dot{I}.$

$P_{\mu}P \gg C - PSC - C\dot{+}PSC - C \dots P^{\circ}C\ddot{H}P^{\circ}PeC, P_{\mu}C\ddot{H}P\ddot{e}C\dot{I}C, P\ddot{e}PeP\ddot{e}.$

$P_{\mu}PsPeP^{\circ}P \cdot P^{\circ}PSPSC\dot{I}.$

$P''PsC\ddot{H}PsC\dot{I}P \gg C -$

- $P\ddot{h}PSC, P\ddot{e}C\dot{I}P_{\mu}PeC\ddot{H}P_{\mu}C, PsC\ddot{H}PSP^{\circ} C, P_{\mu}C\ddot{H}P^{\circ}P\ddot{i}C - C\dot{I} C\dot{r} C\ddot{H}P^{\circ}P \cdot C -, PePsP \gg P\ddot{e}$
 $PSP_{\mu}PjPsP \parallel P \gg P\ddot{e}PIPs PIP\ddot{e}PePsC\ddot{H}P\ddot{e}C\dot{I}C, P^{\circ}C, P\ddot{e} P\ddot{i}P_{\mu}C\ddot{H}PsC\ddot{H}P^{\circ}P \gg C\ddot{H}PSP\ddot{e}PN_{\ddot{e}} C\ddot{e}P \gg C\dot{I}C \dots$
 $PIPIP_{\mu}PrP_{\mu}PSPSC\dot{I}, PSP^{\circ}P\ddot{i}C\ddot{H}P\ddot{e}PeP \gg P^{\circ}Pr:$
- $P\ddot{i}P^{\circ}C\dot{+}C, C\ddot{H}PsP_{\mu}P \cdot PsC, P^{\circ}P\ddot{i}P_{\mu}P^{\circ}P \gg C\ddot{H}PSP^{\circ} C\ddot{H}P_{\mu}C, P \gg C\ddot{H}PeC\dot{I}PSP^{\circ} C \dots PIPsC\ddot{H}PsP \pm P^{\circ} C\dot{r}$
 $P\ddot{i}P^{\circ}C\dot{+}C - C''PSC, C - PI P \cdot P_{\mu}P \cdot PsC, P^{\circ}P\ddot{i}C - C, PsPj C, P^{\circ}/P^{\circ}P \pm Ps C, C\dot{I}P \parallel PeP\ddot{e}PjP\ddot{e} C\dot{I}P\ddot{e}PjP\ddot{i}C, PsPjP^{\circ}PjP\ddot{e}$
 $C\ddot{H}P_{\mu}C, P \gg C\ddot{H}PeC\dot{I}C\dot{r};$
- $P \gg C - PeC\dot{r}PIP^{\circ}PSPSC\dot{I} PIP\ddot{e}C\ddot{H}P^{\circ}P \cdot PsPe C\ddot{e}P \gg C\dot{r}PSPeP^{\circ}, P\ddot{i}PsPI\ddot{b}\ddot{H}^{\text{TM}} C\dot{I}P \cdot P^{\circ}PSP\ddot{e}C \dots C - P \cdot$
 $C, P_{\mu}C\ddot{H}P^{\circ}P\ddot{i}C - C''C\ddot{H} PSP_{\mu}C\dot{I}C, P_{\mu}C\ddot{H}PsC - PrPSP\ddot{e}PjP\ddot{e} P\ddot{i}C\ddot{H}PsC, P\ddot{e}P \cdot P^{\circ}P\ddot{i}P^{\circ}P \gg C\ddot{H}PSP\ddot{e}PjP\ddot{e}$
 $P \cdot P^{\circ}C\dot{I}PsP \pm P^{\circ}PjP\ddot{e} (P\acute{K}P_{\mu}P - P -);$
- $P\ddot{i}PsP\ddot{i}P_{\mu}C\ddot{H}P_{\mu}PrP \parallel P_{\mu}PSPSC\dot{I} PIP\ddot{e}C\ddot{H}P^{\circ}P \cdot PsPe C\ddot{e}P \gg C\dot{r}PSPeP^{\circ} C, P^{\circ}$
 $PrPIP^{\circ}PSP^{\circ}PrC\dot{+}C\dot{I}C, P\ddot{e}P\ddot{i}P^{\circ}P \gg PsC - PeP\ddot{e}C\ddot{e}PeP\ddot{e}, P\ddot{i}PsPI\ddot{b}\ddot{H}^{\text{TM}} C\dot{I}P \cdot P^{\circ}PSP\ddot{e}C \dots C - P \cdot$
 $C, P_{\mu}C\ddot{H}P^{\circ}P\ddot{i}C - C''C\ddot{H} P\acute{K}P_{\mu}P - P -, C\dot{r} P\ddot{i}P^{\circ}C\dot{+}C - C''PSC, C - PI, C\dot{I}PeC - PIC \dots PsPrC\dot{I}C, C\ddot{H} PrPs$
 $P\ddot{i}C\ddot{H}C\dot{r}P\ddot{i}P\ddot{e} C\ddot{H}P\ddot{e}P \cdot P\ddot{e}PeC\dot{r}.$
- $P_{\mu}C\ddot{H}PsC, C - P \gg P^{\circ}PeC, P\ddot{e}PeP^{\circ} P\ddot{i}PsPIC, PsC\ddot{H}PSPsC - PeC\ddot{H}PsPIPsC, P_{\mu}C\dot{+}C - C\dot{r}$
 $P\ddot{i}P^{\circ}C\dot{+}C - C''PSC, C - PI P\ddot{i}C - C\dot{I}P \gg C\dot{I} P_{\mu}PSPPrPsC\dot{I}PePsP\ddot{i}C - C\dot{+}PSPsP\ddot{i}Ps P \gg C - PeC\dot{r}PIP^{\circ}PSPSC\dot{I}$
 $P\ddot{i}PsC\dot{I}C, C\ddot{H}PsC - PeC\ddot{H}PsPIPsC, P_{\mu}C\dot{+}C - PIPSP^{\circ}C\dot{I}P \gg C - PrPsPe PIP\ddot{e}C\ddot{H}P^{\circ}P \cdot PeP\ddot{e}$
 $C\ddot{e}P \gg C\dot{r}PSPeP^{\circ} P^{\circ}P \pm Ps PrPIP^{\circ}PSP^{\circ}PrC\dot{+}C\dot{I}C, P\ddot{e}P\ddot{i}P^{\circ}P \gg PsC - PeP\ddot{e}C\ddot{e}PeP\ddot{e}.$

$P''C - C, P\ddot{e} PIC - PePsPj PIC - Pr 1 PrPs 18 C\ddot{H}PsPeC - PI:$

- $P\ddot{h}PSC, P\ddot{e}C\dot{I}P_{\mu}PeC\ddot{H}P_{\mu}C, PsC\ddot{H}PSP^{\circ} C, P_{\mu}C\ddot{H}P^{\circ}P\ddot{i}C - C\dot{I} C\dot{r} C\ddot{H}P^{\circ}P \cdot C -, PePsP \gg P\ddot{e}$
 $PSP_{\mu}PjPsP \parallel P \gg P\ddot{e}PIPs PIP\ddot{e}PePsC\ddot{H}P\ddot{e}C\dot{I}C, P^{\circ}C, P\ddot{e} P\ddot{i}P_{\mu}C\ddot{H}PsC\ddot{H}P^{\circ}P \gg C\ddot{H}PSP\ddot{e}PN_{\ddot{e}} C\ddot{e}P \gg C\dot{I}C \dots$
 $PIPIP_{\mu}PrP_{\mu}PSPSC\dot{I}, PSP^{\circ}P\ddot{i}C\ddot{H}P\ddot{e}PeP \gg P^{\circ}Pr:$
- $P''P \cdot P P\dot{I} C\dot{r} P\ddot{i}P^{\circ}C\dot{+}C - C''PSC, C - PI P \cdot P_{\mu}C\ddot{H}PsP \cdot P\ddot{e}PIPSP\ddot{e}Pj C\ddot{H}P_{\mu}C, P \gg C\ddot{H}PeC\dot{I}PSP\ddot{e}Pj$
 $P_{\mu}P \cdot PsC, P^{\circ}P\ddot{i}C - C, PsPj C, P^{\circ}/P^{\circ}P \pm Ps C, C\dot{I}P \parallel PeP\ddot{e}PjP\ddot{e} C\dot{I}P\ddot{e}PjP\ddot{i}C, PsPjP^{\circ}PjP\ddot{e} C\ddot{H}P_{\mu}C, P \gg C\ddot{H}PeC\dot{I}C\dot{r}.$

$P_{\mu}C\ddot{H}PsC, P\ddot{e}P\ddot{i}PsPeP^{\circ}P \cdot P^{\circ}PSPSC\dot{I}.$

$P_{\mu}C - PrPIP\ddot{e}C\%P_{\mu}PSP^{\circ} C\dot{+}C\dot{r}C, P \gg P\ddot{e}PIC - C\dot{I}C, C\ddot{H} PrPs P_{\mu}P \cdot PsPjP_{\mu}P\ddot{i}C\ddot{H}P^{\circ}P \cdot PsP \gg C\dot{r},$

C-PSC€PëC... P·P°PjC-C%PμPSPëC... P±PμPSP·PëPjC-PrP°P·PsP»C-PI P°P±Ps PrPs
P±CfPrCH-CμPePsC— P· PrPsPiPsPjC-P¶PSPëC... C¶PμC±PsPIPëPS
P»C-PeP°C¶CfCHPePsPiPs P·P°CfPsP±Cf.

P>C-PeP°C¶CfCHPePëPNë P·P°CfC-P± P·P·PsP»PsPSPi^{B®} PSPμ CfP»C-Pr
P·P°CfC,PsCfPsPICfPIP°C,Pë PsPrPSPsC±P°CfPSPs P· PSPμP»C,,C-PSP°PIC-C¶PsPj,
P°C,P°P·P°PSP°PIC-C¶PsPj (PrPëPI. C¶PsP·PrC-P» B«P'P·P°C''PjPsPrC-Cμ P·
C-PSC€PëPjPë P»C-PeP°C¶CfCHPePëPjPë P·P°CfPsP±P°PjPë C,P° C-PSC€C- PIPëPrPë
PIP·P°C''PjPsPrC-PNëB»).

***P'P·P°C''PjPsPrC-Cμ P· C-PSC€PëPjPë P»C-PeP°C¶CfCHPePëPjPë
P·P°CfPsP±P°PjPë C,P° C-PSC€C- PIPëPrPë PIP·P°C''PjPsPrC-PNë.***

P''PsCfP»C-PrP¶PμPSPSCμ PIP·P°C''PjPsPrC-C— PiC¶PsPIPsPrPëP»Pë P»PëC€Pμ Cf
PrPsC¶PsCfP»PëC....

*P'PiP»PëPI PμP·PsPjPμPiC¶P°P·PsP»Cé PSP° C,,P°C¶PjP°PePsPeC-PSPμC,PëPeCé
C-PSC€PëC... P»C-PeP°C¶CfCHPePëC... P·P°CfPsP±C-PI*

P>C-PeP°C¶CfCHPeC- P·P°CfPsP±Pë, PICfPjPsPeC,CfPIP°PSPSCμ CμPePëC...
P·P°P»PμP¶PëC,CH PIC-Pr C¶Pë. PμC¶PëPiPSC-C±PμPSPSCμ C€P»CfPSPePsPIPsC—
CfPμPeC¶PμC±C-C— PSP° C,P»C- C,PμC¶P°PiC-C— PμP·PsPjPμPiC¶P°P·PsP»PsPj C,P°
C-PSC€PëPjPë P±PμPμ PjPsP¶Pμ PiC¶PëP·PIPsPrPëC,Pë PrPs PiPsCfP»P°P±P»PμPSPSCμ P°P±Ps
PiPsCfPëP»PμPSPSCμ PICfPjPsPeC,CfPIP°PSPSCμ P»C-PeP°C¶CfCHPePëC... P·P°CfPsP±C-PI,
P°P±CfPsC¶P±C±C-Cμ CμPePëC... P·P°P»PμP¶PëC,CH PIC-Pr C¶C-PIPSCμ C¶Pë
C€P»CfPSPePsPIPsPiPs CfPsPeCf. PiPe C- PiC¶Pë P·P°CfC,PsCfCfPIP°PSPSC- C-PSC€PëC...
P»C-PeP°C¶CfCHPePëC... P·P°CfPsP±C-PI, C%Ps P·PjPμPSC€CfCHC,CH
PePëCfP»PsC,PSC-CfC,CH C€P»CfPSPePsPIPsPiPs CfPsPeCf, PICfPjPsPeC,CfPIP°PSPSCμ
C,P°PePëC... PiC¶PμPiP°C¶P°C,C-PI CμPe PePμC,PsPePsPSP°P·PsP», C-C,C¶P°PePsPSP°P·PsP»
C,P° PμC¶P»PsC,PëPSC-P± PjPsP¶Pμ PiPsCfP»P°P±P»C¶PIP°C,PëCfCμ, P°
PICfPjPsPeC,CfPIP°PSPSCμ PrPëPiPsPeCfPëPSCr в¶ PiPsCfPëP»C¶PIP°C,PëCfCμ Cf
PiPμC¶C-PsPr P·P°CfC,PsCfCfPIP°PSPSCμ PμP·PsPjPμPiC¶P°P·PsP»Cf. PμC¶Pë
CfCfPiCfC,PSCHPsPjCf P·P°CfC,PsCfCfPIP°PSPSC- PsPjPμPiC¶P°P·PsP»Cf (20 PjPi PSP°
PrPsP±Cf) C,P° PrPëPiPsPeCfPëPSCr Cf P·PrPsC¶PsPIPëC... PrPsP±C¶PsPIPsP»CHC±C-PI
P±C-PsPrPsCfC,CfPiPSC-CfC,CH PrPëPiPsPeCfPëPSCr P·C¶PsCfC,P°P»P° PSP° 10 % (PrPs 30 %
Cf PrPIPsC... C-P· PrPμCfCμC,Pë CfC±P°CfPSPëPeC-PI). P¶PsPeCfPëC±PSC- PμC,,PμPeC,Pë
PrPëPiPsPeCfPëPSCr PIC-PrP·PSP°C±P°P»PëCfCμ P·C¶C-PrPeP°. PhPrPSP°Pe CfP»C-Pr
PrPsC,C¶PëPjCfPIP°C,PëCfCμ PsP±PμC¶PμP¶PSPsCfC,C- PiC¶Pë P·P°CfC,PsCfCfPIP°PSPSC-
PIPëCfPsPePëC... PrPsP· PμP·PsPjPμPiC¶P°P·PsP»Cf PiP°C±C-C''PSC,P°Pj P»C-C,PSCHPsPiPs
PIC-PeCf. P¶P»C-Pr PiPsCfPëP»PëC,Pë PjPsPSC-C,PsC¶PëPSPi PePsPSC±PμPSC,C¶P°C±C-C—
PrPëPiPsPeCfPëPSCr Cf PeC¶PsPIC- PiP°C±C-C''PSC,P°.

P'P·P°C''PjPsPrC-Cμ PsPjPμPiC¶P°P·PsP»Cf P· PrPμCμPePëPjPë
C-PSPiC-P±C-C,PsC¶P°PjPë PiC¶PsC,PμP°P·Pë. P¶P»C-PSC-C±PSP°
P·PSP°C±CfC%C-CfC,CH C,P° PjPμC...P°PSC-P·PjPë C±PëC... PIP·P°C''PjPsPrC-PNë PSPμ
P·P°PIP¶PrPë PIC-PrPsPjC-. PμC-PrPIPëC%PμPSPSCμ C¶C-PIPSCμ C¶Pë
C€P»CfPSPePsPIPsPiPs CfPsPeCf Cf PiPμC¶C-PsPr C,PμC¶P°PiC-C— PsPjPμPiC¶P°P·PsP»PsPj
PjPsP¶Pμ P·PjC-PSC¶PIP°C,Pë PICfPjPsPeC,CfPIP°PSPSCμ C-PSPiC-P±C-C,PsC¶C-PI

C-, P·P° PSPμPsP±C...C-PrPSPsCfC,C-, PePsCfPëPiCfPIP°C,Pë PrPsP·Cf
C,P°PeCfPsP»C-PjCfCfCf.

PhPjPμPïCfP°P·PsP», CΠPe C- PμP·PsPjPμPïCfP°P·PsP», C" C-PSPiC-P±C-C,PscfPsPj
CYP2C19. Pj P·PrPsCfPsPIPëC... PrPsP±CfPsPIPsP»CHC†C-PI Cf PïCfPsC†PμCfC-
PïPμCfPμC...CfPμCfPSPsPiPs PrPsCfP»C-PrP¶PμPSPSCΠ P·P°CfC,PscfCfPIP°PSPSCΠ
PsPjPμPïCfP°P·PsP»Cf PI PrPsP·C- 40 PjPi PïCfPëP·PIPsPrPëP»Ps PrPs
P·CfPsCfC,P°PSPSCΠ C_{max} C,P° AUC C†PëP»PsCfC,P°P·PsP»Cf PSP° 18 % C,P° 26 %
PIC-PrPïPsPIC-PrPSPs, P° PsPrPSPsPiPs C-P· PNëPsPiPs P°PeC,PëPIPsPëC...
PjPμC,P°P±PsP»C-C,C-PI Bf" PSP° 29 % C,P° 69 %.

PŸCfPïCfC,PSC-PNë PïPμCfPsCfP°P»CHBPSPëPNë PïCfPëPNëPsPj 40 PjPi
PμP·PsPjPμPïCfP°P·PsP»Cf C,P° C†PëP·P°PïCfPëPrCf Cf P·PrPsCfPsPIPëC...
PrPsP±CfPsPIPsP»CHC†C-PI PïCfPëP·PIPsPrPëPI PrPs P·P±C-P»CHC€PμPSPSCΠ AUC
PSP° 32 %, P° PïPμCfC-PsPrCf PSP°PïC-PIPIPëPμPrPμPSPSCΠ (T_{1/2}) Bf" PSP° 31 %, P°P»Pμ
P·PSP°C†PSPsPiPs PïC-PrPIPëC%PμPSPSCΠ C_{max} C†PëP·P°PïCfPëPrCf Cf PïP»P°P·PjC-
PeCfPsPIC- P·P°C,,C-PeCfPsPIP°PSPs PSPμ P±CfP»Ps. PkPμPIPμP»PëPePμ
PïPsPrPsPIP¶PμPSPSCΠ C-PSC,PμCfPIP°P»Cf QPŸc, C%Ps PIC-PrP·PSP°C†P°P»PsCfCΠ PïCfPë
P·P°CfC,PscfCfPIP°PSPSC- C†PëP·P°PïCfPëPrCf PsPeCfPμPjPs, PSPμ
P·P±C-P»CHC€CfPIP°P»PsCfCΠ PïCfPë P·P°CfC,PscfCfPIP°PSPSC- C†PëP·P°PïCfPëPrCf Cf
PePsPjP±C-PSP°C†C-C— P· PμP·PsPjPμPïCfP°P·PsP»PsPj.

P"PsPIPμPrPμPSPs, C%Ps PμP·PsPjPμPïCfP°P·PsP» PeP»C-PSC-C†PSPs
P·PSP°C†CfC%Pμ PSPμ PIPïP»PëPIP°PI PSP° C,,P°CfPjP°PePsPeC-PSPμC,PëPeCf
P°PjPsPeCfPëC†PëP»C-PSCf P°P±Ps C...C-PSC-PrPëPSCf.

P"PsCfP»C-PrP¶PμPSPSCΠ P· PsC†C-PSPePsCf PsPrPSPsC†P°CfPSPsPiPs
P·P°CfC,PscfCfPIP°PSPSCΠ PμP·PsPjPμPïCfP°P·PsP»Cf C,P° PSP°PïCfPsPeCfPμPSCf
C†Pë CfPsC,,PμPePsPeCfPëP±Cf PSPμ PIPëCΠPIPëP»Pë P±CfPrCHC-CΠPePëC...
PeP»C-PSC-C†PSPs P·PSP°C†CfC%PëC... C,,P°CfPjP°PePsPeC-PSPμC,PëC†PSPëC...
PIP·P°C"PjPsPrC-PNë PïC-Pr C†P°Cf PePsCfPsC,PePsCfC,CfPsPePsPIPëC...
PrPsCfP»C-PrP¶PμPSCf.

P"PsCfP»C-PrP¶PμPSPSCΠ PIP·P°C"PjPsPrC-C— *in vivo* P·C-
P·P°CfC,PscfCfPIP°PSPSCΠPj C,,PsCfPjPë PïCfPμPïP°CfP°C,Cf PrP»CΠ
PIPSCfC,CfC-C€PSCfPsPIPμPSPSPsPiPs PIPμPrPμPSPSCΠ Cf PIPμP»PëPePëC...
PrPsP·P°C... (80 PjPi 8 PjPi/PiPsPrPëPSCf) PSPμ PïCfPsPIPsPrPëP»Pë. P'PïP»PëPI
PμP·PsPjPμPïCfP°P·PsP»Cf PSP° P»C-PeP°CfCfCHPeC- P·P°CfPsP±Pë, C%Ps
PjPμC,P°P±PsP»C-P·CfCfC,CHCfCΠ CYP2C19, PSP° C,P»C- C,P°PePsPiPs CfPμP¶PëPjCf
P»C-PeCfPIP°PSPSCΠ PjPsP¶Pμ P±CfC,Pë P±C-P»CHC€ PIPëCfP°P¶PμPSPëPj, C- P·P°
PïP°C†C-C"PSC,P°PjPë PïCfPsC,CΠPiPsPj C,CfPëPrPμPSPSPsPiPs PïPμCfC-PsPrCf
PIPSCfC,CfC-C€PSCfPsPIPμPSPSPsPiPs PIPμPrPμPSPSCΠ PïCfPμPïP°CfP°C,Cf
CfP»C-Pr PïPëP»CHBPSPs CfC,PμP¶PëC,Pë C%PsPrPs CfPsP·PIPëC,PeCf
PïPsP±C-C†PSPëC... CfPμP°PeC†C-PNë.

P PμP·CfP»CHC,P°C,Pë PrPsCfP»C-PrP¶PμPSCf P·P° CfC†P°CfC,Cf
P·PrPsCfPsPIPëC... PrPsP±CfPsPIPsP»CHC†C-PI PïPsPeP°P·P°P»Pë
C,,P°CfPjP°PePsPeC-PSPμC,PëC†PSCf (PαPŸ)/C,,P°CfPjP°PePsPrPëPSP°PjC-C†PSCf

(PαP") PIP·P°C"PjPsPrC-CH PjC-P¶ PeP»PsPiC-PrPsPiCḡPμP»PμPj (300 PjPi PSP°PIP°PSC,P°P¶CfPIP°P»CHbPSPsC— PrPsP·Pë/75 PjPi PSP° PrPsP±Cf PiC-PrC,CHḡPëPjCfCHC±PsC— PrPsP·Pë) C,P° PμP·PsPjPμPiCḡP°P·PsP»Cf (40 PjPi PSP° PrPsP±Cf), C%oPs PiCḡPëP·PIPsPrPëC,CH PrPs P·PSPëP¶PμPSPSC¶ PIPiP»PëPICf P°PeC,PëPIPsPsPiPs PjPμC,P°P±PsP»C-C,Cf PeP»PsPiC-PrPsPiCḡPμP»CH PI CÍPμCḡPμPrPSCḡPsPjCf PSP° 40 %, C%oPs PiCḡPëP·PIPsPrPëC,CH PrPs P·PSPëP¶PμPSPSC¶ PjP°PeCÍPëPjP°P»CHbPSPsPiPs PiCḡPëPiPSC-C±PμPSPSC¶ (C-PSPrCfPePsPIP°PSPsC— PḡP"Pα) P°PiCḡPμPiP°C†C-C— C,CHḡPsPjP±PsC†PëC,C-PI Cf CÍPμCḡPμPrPSCḡPsPjCf PSP° 14 %.

PḡPsP»Pë PeP»PsPiC-PrPsPiCḡPμP»CH P·P°CÍC,PsCÍPsPICfPIP°P»Pë CḡP°P·PsPj C-P· PePsPjP±C-PSP°C†C-C"CH C,,C-PeCÍPsPIP°PSPëC... PrPsP· PμP·PsPjPμPiCḡP°P·PsP»Cf B B B B B B 20 PjPi PḡPŸPḡ 81 PjPi PiPsCḡC-PIPsC¶PSPs P· PjPsPSPsC,PμCḡP°PiC-C"CH PeP»PsPiC-PrPsPiCḡPμP»CH PI PrPsCÍP»C-PrP¶PμPSPSC- P·P° CfC±P°CÍC,CH P·PrPsCḡPsPIPëC... PrPsP±CḡPsPIPsP»CHC†C-PI, CÍPiPsCÍC,PμCḡC-PiP°P»PsCÍC¶ P·PSPëP¶PμPSPSC¶ PμPeCÍPiPsP·PëC†C-C— P°PeC,PëPIPsPsPiPs PjPμC,P°P±PsP»C-C,Cf PeP»PsPiC-PrPsPiCḡPμP»CH PjP°PN¶P¶Pμ PSP° 40 %. PμCḡPsC,Pμ PjP°PeCÍPëPjP°P»CHbPSPëPN¶ CḡC-PIPμPSCH PiCḡPëPiPSC-C±PμPSPSC¶ (C-PSPrCfPePsPIP°PSPsC— PḡP"Pα) P°PiCḡPμPiP°C†C-C— C,CHḡPsPjP±PsC†PëC,C-PI Cf C†PëC... PiP°C†C-C"PSC,C-PI P±CfPI PsPrPSP°PePsPIPëPj Cf PiCḡCfPiP°C... PeP»PsPiC-PrPsPiCḡPμP»CH C,P° PeP»PsPiC-PrPsPiCḡPμP»CH PePsPjP±C-PSPsPIP°PSPëC... PiCḡPμPiP°CḡP°C,C-PI (PμP·PsPjPμPiCḡP°P·PsP» PḡPŸPḡ).

PiPe PiC-Pr C±P°CÍ PsP±CÍPμCḡPIP°C†C-PN¶PSPëC..., C,P°Pe C- PI PeP»C-PSC-C±PSPëC... PrPsCÍP»C-PrP¶PμPSPSC¶C... P±CfP»Ps PsC,CHḡPëPjP°PSPs CÍCfPiPμCḡPμC±P»PëPIC- PrP°PSC- C%oPsPrPs PeP»C-PSC-C±PSPëC... PSP°CÍP»C-PrPeC-PI PIP·P°C"PjPsPrC-C— PμP·PsPjPμPiCḡP°P·PsP»Cf P· P±PsPeCf PαPḡ/PαP" C%oPsPrPs CÍPμCḡPN¶PsP·PSPëC... CÍPμCḡC†PμPIPs-CÍCfPrPëPSPSPëC... P·P°C...PIPsCḡCHPIP°PSCH.

PkPμPIC-PrPsPjPëPN¶ PjPμC...P°PSC-P·Pj PIP·P°C"PjPsPrC-C— P· PjPμC,PsC,CHḡPμPeCÍP°C,PsPj. PμCḡPë P·P°CÍC,PsCÍCfPIP°PSPSC- PjPμC,PsC,CHḡPμPeCÍP°C,Cf CḡP°P·PsPj P· P†PμPμ PN¶PsPiPs CḡC-PIPμPSCH PiC-PrPIPëC%oCfPIP°PICÍC¶ Cf PrPμC¶PePëC... PiP°C†C-C"PSC,C-PI. PḡPsP¶Pμ P±CfC,Pë PiPsC,CHḡC-P±PSPμ C,PëPjC±P°CÍPsPIPμ PiCḡPëPiPëPSPμPSPSC¶ PiCḡPëPN¶PsPjCf PμP·PsPjPμPiCḡP°P·PsP»Cf PiCḡPë P·P°CÍC,PsCÍCfPIP°PSPSC- PjPμC,PsC,CHḡPμPeCÍP°C,Cf Cf PIPμP»PëPePëC... PrPsP·P°C....

P'PiP»PëPI C-PSC€PëC... P»C-PeP°CḡCÍCHPePëC... P·P°CÍPsP±C-PI PSP° C,,P°CḡPjP°PePsPeC-PSPμC,PëPeCé PμP·PsPjPμPiCḡP°P·PsP»Cé

P·P·PsPjPμPiCḡP°P·PsP» PjPμC,P°P±PsP»C-P·CfC"C,CHCÍC¶ CYP2C19 C,P° CYP3Pḡ4. PŸCfPiCfC,PSC" PiPμCḡPsCḡP°P»CHbPSPμ P·P°CÍC,PsCÍCfPIP°PSPSC¶ PμP·PsPjPμPiCḡP°P·PsP»Cf C,P° C-PSPiC-P±C-C,PsCḡP° CYP3Pḡ4 PeP»P°CḡPëC,CHḡPsPjC-C†PëPSCf (500 PjPi 2 CḡP°P·Pë PSP° PrPsP±Cf) PiCḡPëP·PIPsPrPëP»Ps PrPs PiPsPrPIPsC"PSPSC¶ AUC PμP·PsPjPμPiCḡP°P·PsP»Cf. PŸCfPiCfC,PSC" P·P°CÍC,PsCÍCfPIP°PSPSC¶ PμP·PsPjPμPiCḡP°P·PsP»Cf C,P° PePsPjP±C-PSPsPIP°PSPsPiPs C-PSPiC-P±C-C,PsCḡP° CYP2C19 C,P° CYP3Pḡ4 PjPsP¶Pμ

PīCḡPēP·PIPsPrPēC,Pē PrPs P·CḡPsCīC,P°PSPSCḡ PμPeCīPīPsP·PēC†C-C—
 PμP·PsPjPμPīCḡP°P·PsP»Cī P±C-P»CHCēPμ PSC-Pḡ CīPrPIC-C†C-. P†PSPiC-P±C-C,PSCḡ
 CYP2C19 C,P° CYP3Pḡ4 PIPsCḡPēPePsPSP°P·PsP» P·P±C-P»CHCēCīPIP°PI AUCτ
 PsPjPμPīCḡP°P·PsP»Cī PSP° 280 %. PḡPsCḡPμPeC†C-Cḡ PrPsP·Pē
 PμP·PsPjPμPīCḡP°P·PsP»Cī PSPμ P·P°PIPḡPrPē PīPsC,CḡC-P±PSP° PI C,P°PePēC...
 CīPēC,CīP°C†C-CḡC.... PhPrPSP°Pe PIPsPSP° PjPsPḡPμ P±CīC,Pē
 PSPμPsP±C...C-PrPSPsCḡ PrP»Cḡ PīP°C†C-C”PSC,C-PI C-P· C,CḡPḡPePēPjPē
 PīPsCḡCīCēPμPSPSCḡPjPē C,,CīPSPeC†C-C— PīPμC†C-PSPePē C,P° Cī
 PIPēPīP°PrPeP°C..., PePsP»Pē PīPsPeP°P·P°PSPμ PrPsPIPiPsC,CḡPēPIP°P»Pμ
 P»C-PeCīPIP°PSPSCḡ.

PḡCḡPμPīP°CḡP°C,Pē, P·PrP°C,PSC- CīC,PēPjCīP»CḡPIP°C,Pē CYP2C19 C†Pē CYP3Pḡ4
 P°P±Ps PsP±PēPrPIP° C†C- C,,PμCḡPjPμPSC,Pē (CḡPēC,,P°PjPīC-C†PēPS C,P°
 P·PIC-CḡPsP±C-PNḡ), PjPsPḡCīC,CH P·PSPēPḡCīPIP°C,Pē PePsPSC†PμPSC,CḡP°C†C-Cḡ
 PμP·PsPjPμPīCḡP°P·PsP»Cī PI CīPēCḡPsPIP°C,C†C- PeCḡPsPIC- CēP»CḡC...PsPj
 PīPsCīPēP»PμPSPSCḡ PNḡPsPiPs PjPμC,P°P±PsP»C-P·PjCī.

PhCīPsP±P»PēPIPsCīC,C- P·P°CīC,PsCīCḡPIP°PSPSCḡ.

PJ CḡP°P·C- P±CīPrCH-CḡPePēC... C,CḡPēPIPsPḡPSPēC... CīPēPjPīC,PsPjC-PI
 (PSP°PīCḡPēPeP»P°Pr, P·PSP°C†PSPμ PSPμPīPμCḡPμPrP±P°C†CīPIP°PSPμ
 P·PSPēPḡPμPSPSCḡ PjP°CīPē C,C-P»P°, PīPμCḡC-PsPrPēC†PSPμ P±P»CḡPIP°PSPSCḡ,
 PrPēCīC,,P°PīC-Cḡ, PīPμPjP°C,PμPjPμP·PēCī P°P±Ps PjPμP»PμPSP°) C,P° PīCḡPē
 PīC-PrPsP·CḡC- PSP° PIPēCḡP°P·PeCī CēP»CīPSPeP° C†Pē PīCḡPē C—C—
 PSP°CḡPIPsPsCīC,C- CīP»C-Pr PIPēPeP»CḡC†PēC,Pē P·P»PsCḡPeC-CīPSPμ
 P·P°C...PIPsCḡCḡPIP°PSPSCḡ, PsCīPeC-P»CHPePē P»C-PeP°CḡCīCHPePēPNḡ
 P·P°CīC-P± P·P·PsP»PsPSPI^{B®} PjPsPḡPμ PīCḡPēC...PsPICīPIP°C,Pē CīPēPjPīC,PsPjPē C,P°
 P·P°C,CḡPēPjCīPIP°C,Pē PICīC,P°PSPsPIP»PμPSPSCḡ PrC-P°PiPSPsP·Cī.

PḡPμCḡP°PīC-Cḡ P†PμPμ PjPsPḡPμ PrPμC%Ps P·P±C-P»CHCēCīPIP°C,Pē CḡPēP·PēPe
 CēP»CīPSPePsIPs-PePēCēPePsPIPēC... C-PSC,,PμPeC†C-PNḡ, C,P°PePēC... CḡPe
 C-PSC,,PμPeC†C-C—, P·CīPjPsPIP»PμPSC- *Salmonella* C,P° *CP°mpylobacter* (PrPēPI.
 CḡPsP·PrC-P» B«PḡP°CḡPjP°PePsPrPēPSP°PjC-PeP°B»).

PḡPμ CḡPμPePsPjPμPSPrCīC”C,CHCīCḡ P·P°CīC,PsCīPsPICīPIP°C,Pē
 PμP·PsPjPμPīCḡP°P·PsP» PsPrPSPsC†P°CīPSPs P· P°C,P°P·P°PSP°PIC-CḡPsPj (PrPēPI.
 CḡPsP·PrC-P» B«P·P·P°C”PjPsPrC-Cḡ P· C-PSCēPēPjPē P»C-PeP°CḡCīCHPePēPjPē
 P·P°CīPsP±P°PjPē C,P° C-PSCēC- PIPēPrPē PIP·P°C”PjPsPrC-PNḡB»). PīPeC%Ps
 P·P°CīC,PsCīCīPIP°PSPSCḡ PePsPjP±C-PSP°C†C-C— P°C,P°P·P°PSP°PIC-CḡCī P·
 P†PμPμ PIPiP°PḡP°C”C,CHCīCḡ PsP±PsPIBḡ™ CḡP·PePsPIPēPj,
 CḡPμPePsPjPμPSPrCīC”C,CHCīCḡ PīPēP»CHPSPs CīPiPsCīC,PμCḡC-PiP°C,Pē P·P°
 PīP°C†C-C”PSC,PsPj C,P° PīC-PrPIPēC%PēC,Pē PrPsP·Cī P°C,P°P·P°PSP°PIC-CḡCī PrPs
 400 PjPi Cī PīPsC”PrPSP°PSPSC- P·C- 100 PjPi CḡPēC,PsPSP°PIC-CḡCī; PrPsP·Cī
 PμP·PsPjPμPīCḡP°P·PsP»Cī 20 PjPi PīPμCḡPμPIPēC%CīPIP°C,Pē PSPμ CīP»C-Pr.

P·P·PsPjPμPīCḡP°P·PsP», CḡPe C- PICīC- PīCḡPμPīP°CḡP°C,Pē, C%Ps

P±P»PsPeCfCfC,CH CÍPµPeCfPµC†C-Cf PePëCfP»PsC,Pë, PjPsP¶Pµ
PíCfPëPiPSC-C†CfPIP°C,Pë PICfPjPsPeC,CfPIP°PSPSC¶ PIC-C,P°PjC-PSCf P' ₁₂
(C†C-P°PSPsPePsP±P°P»P°PjC-PSCf) PIPSP°CfP»C-PrPsPe PiC-PiPs- P°P±Ps
P°C...P»PsCfPiC-PrCfC-C—. PjPµ CÍP»C-Pr PjP°C,Pë PSP° CfPIP°P·C- C°PsPrPs
PíP°C†C-C"PS C,PI P·C- P·PSPëP¶PµPSPëPj P·P°PíP°CfPsPj PIC-C,P°PjC-PSCf PI
PsCfPiP°PSC-P·PjC- P°P±Ps C,,P°PeC,PsCfP°PjPë CfPëP·PëPeCf
PíPsPiC-CfC€PµPSPsPiPs PICfPjPsPeC,CfPIP°PSPSC¶ PIC-C,P°PjC-PSCf P' ₁₂ PíCfPë
PrPsPiPiPsC,CfPëPiP°P»C-PNë C,PµCfP°PiC-C—.

P·P·PsPjPµPíCfP°P·PsP» б҃ C-PSPiC-P±C-C,PsCf CYP2C19. PkP° PíPsC†P°C,PeCf C,P°
PSP°PíCfPëPeC-PSC†C- C,PµCfP°PiC-C— PµP·PsPjPµPíCfP°P·PsP»PsPj CÍP»C-Pr
PICfP°C...PsPICfPIP°C,Pë PjPsP¶P»PëPIC-CfC,CH PIP·P°C"jPsPrC-C— P·
PíCfPµPíP°CfP°P°,P°PjPë, C°Ps PjPµC,P°P±PsP»C-P·CfCfC,CHCfC¶ CYP2C19.
P'·C-PrP·PSP°C†PµPSPs PIP·P°C"jPsPrC-Cf PjC-P¶ PeP»PsPíC-PrPsPiCfPµP»PµPj C,P°
PsPjPµPíCfP°P·PsP»PsPj (PrPëPI. CfPsP·PrC-P» B«P'·P°C"jPsPrC-C¶ P· C-PSC€PëPjPë
P»C-PeP°CfCfCHPePëPjPë P·P°CfPsP±P°PjPë C,P° C-PSC€C- PIPëPrPë
PIP·P°C"jPsPrC-PNëB»). PµP»C-PSC-C†PSP° P·PSP°C†CfC°C-CfC,CH C†C-C" C—
PIP·P°C"jPsPrC-C— C,PsC†PSPs PSPµ PIPëP·PSP°C†PµPSP°. PíPe
P·P°PíPsP±C-P¶PSPëPNë P·P°C...C-Pr PSPµ CfPµPePsPjPµPSPPrCfC" C,CHCfC¶
PsPrPSPsC†P°CfPSPs P·P°CfC,PsCfPsPICfPIP°C,Pë PµP·PsPjPµPíCfP°P·PsP» C,P°
PeP»PsPíC-PrPsPiCfPµP».

P'PëPíP°PrPePë C,C¶P¶PePsC— PiC-PíPsPjP°PiPSC-C"jC-C— PIC-PrP·PSP°C†P°P»PëCfC¶ Cf
PíP°C†C-C"PS C,PI, C¶PeC- PíCfPëPNëPjP°P»Pë P†PµPµ, C,P°PeC- C¶Pe
PµP·PsPjPµPíCfP°P·PsP», PíCfPsC,C¶PiPsPj C°PsPSP°PNëPjPµPSC€Pµ 3 PjC-CfC¶C†C-PI, P° Cf
P±C-P»CHC€PsCfC,C- PIPëPíP°PrPeC-PI б҃ PíCfPsC,C¶PiPsPj CfPsPeCf.
P"·C-PíPsPjP°PiPSC-C"jC-C¶ PjPsP¶Pµ PjP°C,Pë CÍPµCfPNëPsP·PSC- PíCfPsC¶PIPë, C,P°PeC-
C¶Pe PIC,PsPjP°, C,PµC,P°PSC-C¶, PrPµP»C-CfC-PNë, CÍCfPrPsPjPë,
P·P°PíP°PjPsCfPsC†PµPSPSC¶ C,P° C€P»CfPSPsC†PePsPIP° P°CfPëC,PjC-C¶, P°P»Pµ C—C...
CfPsP·PIPëC,PsPe PjPsP¶Pµ P±CfC,Pë PíPsCfC,CfPíPsPIPëPj C,P° P»PëC€P°C,PëCfC¶
PSPµPíPsPjC-C†PµPSPëPj. Pj P±C-P»CHC€PsCfC,C- PíP°C†C-C"PS C,PI C-P·
PiC-PíPsPjP°PiPSC-C"jC-C" CÍC,P°PS PíPsPeCfP°C°CfPIP°PICfC¶ PíC-CfP»C¶
P·P°PjC-CfPSPsC— C,PµCfP°PiC-C— PjP°PiPSC-C"j C,P° PíCfPëPíPëPSPµPSPSC¶
P·P°CfC,PsCfCfPIP°PSPSC¶ P†PµPµ.

PµP°C†C-C"PS C,P°Pj, PrP»C¶ C¶PePëC... PíPµCfPµPrP±P°C†P°C" C,CHCfC¶
C,CfPëPiP°P»PëPNë PeCfCfCf P»C-PeCfPIP°PSPSC¶ P°P±Ps C¶PeC- PíCfPëPNëPjP°CfC,CH
P†PµPµ C-P· PrPëPiPsPeCfPëPSPsPj C†Pë PíCfPµPíP°CfP°P°,P°PjPë, P·PrP°C,PSPëPjPë
CfPíCfPëC†PëPSC¶,Pë PiC-PíPsPjP°PiPSC-C"jC-Cf (PSP°PíCfPëPeP»P°Pr, P·
PrC-CfCfPµC,PëPeP°PjPë), PrPsC†C-P»CHPSPëPj PjPsP¶Pµ P±CfC,Pë
PIPëPjC-CfCfPIP°PSPSC¶ CfC-PIPS C¶ PjP°PiPSC-Cf PíPµCfPµPr PíPsC†P°C,PePsPj
C,PµCfP°PiC-C— P†PµPµ C,P° PíPµCfC-PsPrPëC†PSPs PíCfPsC,C¶PiPsPj P»C-PeCfPIP°PSPSC¶.

P†PµPµ, PsCfPsP±P»PëPIPs PíCfPë P·P°CfC,PsCfCfPIP°PSPSC- Cf PIPëCfPsPePëC...
PrPsP·P°C... C,P° PíCfPsC,C¶PiPsPj C,CfPëPiP°P»PsPiPs PíPµCfC-PsPrCf (> 1
CfPsPeCf), PjPsP¶CfC,CH PrPµC°Ps PíC-PrPIPëC°CfPIP°C,Pë CfPëP·PëPe
PíPµCfPµP»PsPjCf CÍC,PµPiPSP°, P·P°PíB҃™ C¶CfC,C¶ C,P° C...CfPµP±C,P°,
PíPµCfPµPIP°P¶PSPs Cf PíP°C†C-C"PS C,PI P»C-C,PSCHPsPiPs PIC-PeCf P°P±Ps P·
C-PSC€PëPjPë C,,P°PeC,PsCfP°PjPë CfPëP·PëPeCf. P PµP·CfP»CHC,P°C,Pë

PsPiP»CΠPrPsPIPëC... PrPsCΓP»C-PrP¶PμPSCΗ CΓPIC-PrC‡P°C,CH, C%Ps P‡PμPμ
PjPsP¶CΓC,CH PïC-PrPIPëC%CrPIP°C,Pë P·P°PiP°P»CHBPSPëPNë CηPëP·PëPe
PïPμCηPμP»PsPjC-PI PSP° 10-40 %. P”PμCΠPePsCη PjC-CηPsCη C‡Pμ
PïC-PrPIPëC%PμPSPSCΠ PjPsP¶Pμ P±CΓC,Pë P·CΓPjPsPIP»PμPSPs C-PSC€PëPjPë
C,,P°PeC,PsCηP°PjPë CηPëP·PëPeCΓ. PμP°C‡C-C”PSC,C-PI, CΠPePëPj P·P°PiCηPsP¶CΓC”
CηPëP·PëPe PsCΓC,PμPsPiPsCηPsP·CΓ, CΓP»C-Pr P»C-PeCΓPIP°C,Pë
PIC-PrPiPsPIC-PrPSPs PrPs PrC-CηC‡PëC... PeP»C-PSC-C‡PSPëC...
C-PSCΓC,CηCΓPeC‡C-PNë, C,P°PePsP¶ C—Pj CΓP»C-Pr PsC,CηPëPjCΓPIP°C,Pë
PSP°P»PμP¶PSCΓ PeC-P»CHPeC-CΓC,CH PIC-C,P°PjC-PSCΓ D C,P° PeP°P»CHC‡C-Cη.

P—P°CΓC,PsCΓCΓPIP°PSPSCΠ P‡PμPμ PïPsPI'CΠP·P°PSPμ P· PrCΓP¶Pμ
CηC-PrPeC-CΓPSPëPjPë PIPëPiP°PrPeP°PjPë PïC-PrPiPsCΓC,CηPsPiPs
C€PeC-CηPSPsPiPs CΓPëCΓC,PμPjPSPsPiPs C‡PμCηPIPsPSPsPiPs PIPsPIC‡P°PeP°
(PμPëPŸPŠP’). PïPeC%Ps PIPëPSPëPeP°CηC,CH CΓCηP°P¶PμPSPSCΠ,
PsCΓPsP±P»PëPIPs CΓ PrC-P»CΠPSPeP°C... C€PeC-CηPë, C%Ps
PïC-PrPrP°PIP°P»PëCΓCΠ CΓPsPSCΠC‡PSPsPjCΓ PsPiCηPsPjC-PSPμPSPSCη, CΠPeC-
CΓCΓPiCηPsPIPsPrP¶CΓCηC,CHCΓCΠ P°CηC,CηP°P»PiC-C”Cη, C,Ps PïP°C‡C-C”PSC,
PïPsPIPëPSPμPS PSPμPiP°PNëPSPs P·PIPμCηPSCΓC,PëCΓCΠ P·P° PjPμPrPëC‡PSPsCη
PrPsPiPsPjPsPiPsCη C,P° PïCηPëPiPëPSPëC,Pë P·P°CΓC,PsCΓCΓPIP°PSPSCΠ
P»C-PeP°CηCΓCHPePsPiPs P·P°CΓPsP±CΓ P·P·PsP»PsPSPi^{B®}. P>C-PeCΓCηC‡PëPNë
P»C-PeP°Cη PïPsPIPëPSPμPS CηPsP·PiP»CΠPSCΓC,Pë PïPëC,P°PSPSCΠ PïCηPs
PrPsC‡C-P»CHBPSC-CΓC,CH P·P°CΓC,PsCΓCΓPIP°PSPSCΠ PïCηPμPiP°CηP°C,CΓ
P·P·PsP»PsPSPi^{B®}, PICηP°C...PsPICΓCηC‡Pë PïPsPiPμCηPμPrPSC-PNë PrPsCΓPIC-Pr
P»C-PeCΓPIP°PSPSCΠ P‡PμPμ, CΠPePëPNë PïPsPI'CΠP·P°PSPëPNë C-P·
CηPsP·PIPëC,PePsPj PμPëPŸPŠP’.

P’PSP°CΓP»C-PrPsPe P·P°CΓC,PsCΓCΓPIP°PSPSCΠ PμP·PsPjPμPiCηP°P·PsP»CΓ PrCΓP¶Pμ
CηC-PrPePs PïPsPIC-PrPsPjP»CΠP»PsCΓCΠ PïCηPs C,CΠP¶PeC- C€PeC-CηPSC-
PïPsP±C-C‡PSC- CηPμP°PeC‡C-C— (PŸPëPμP), C,P°PeC- CΠPe
PjCΓP»CHC,PëC,,PsCηPjPSP° PμCηPëC,PμPjP° (PηP•), CΓPëPSPrCηPsPj
PŸC,C-PIPμPSCΓP°-P”P¶PsPSCΓPsPSP° (PŸPŸP”), C,PsPeCΓPëC‡PSPëPNë
PμPïC-PrPμCηPjP°P»CHBPSPëPNë PSPμPeCηPsP»C-P· (TP·Pκ), C-PSPrCΓPePsPIP°PSP°
P»C-PeP°CηCΓCHPePëPjPë P·P°CΓPsP±P°PjPë PμPsP·PëPSPsC,,C-P»C-CΠ P·
CΓPëCΓC,PμPjPSPëPjPë CΓPëPjPiC,PsPjP°PjPë (DRESS), C%Ps PjPsP¶CΓC,CH
CΓC,P°PSPsPIPëC,Pë P·P°PiCηPsP·CΓ PrP»CΠ P¶PëC,C,CΠ P°P±Ps PïCηPëP·PIPμCΓC,Pë
PrPs P»PμC,P°P»CHBPSPsPiPs PSP°CΓP»C-PrPeCΓ.

PμP°C‡C-C”PSC,C-PI CΓP»C-Pr PïPsC-PSC,,PsCηPjCΓPIP°C,Pë PïCηPs PsP·PSP°PePë C,P°
CΓPëPjPiC,PsPjPë C,CΠP¶PePsC— C€PeC-CηPSPsC— CηPμP°PeC‡C-C—
PηP•/PŸPŸP”/TP·Pκ/DRESS C- PïCηPs PSPμPsP±C...C-PrPSC-CΓC,CH PSPμPiP°PNëPSPs
P·PIPμCηPSCΓC,PëCΓCΠ P·P° PjPμPrPëC‡PSPsCη PrPsPiPsPjPsPiPsCη PrPs CΓPIPsPiPs
P»C-PeP°CηCΠ PïCηPë PïPsCΠPIC- P±CΓPrCH-CΠPePëC... PsP·PSP°Pe P°P±Ps
CΓPëPjPiC,PsPjC-PI.

P—P°CΓC,PsCΓCΓPIP°PSPSCΠ PμP·PsPjPμPiCηP°P·PsP»CΓ CΓP»C-Pr PSPμPiP°PNëPSPs
PïCηPëPiPëPSPëC,Pë PïCηPë PïPsCΠPIC- PsP·PSP°Pe C- CΓPëPjPiC,PsPjC-PI
C,CΠP¶PePëC... C€PeC-CηPSPëC... CηPμP°PeC‡C-PNë C,P° P·P° PïPsC,CηPμP±Pë
PSP°PrP°C,Pë PrPsPrP°C,PePsPICΓ PjPμPrPëC‡PSCΓ PrPsPiPsPjPsPiCΓ/PïCηPsPIPμCΓC,Pë

PSP_μ PIPëCΠIPëP»Pë PïCḡCΠPjPsPiPs C‡Pë PsPïPsCÍP_μCḡP_μPrPePsPIP°PSPsPiPs
C€PeC-PrP»PëPIPsPiPs PIPïP»PëPICr P»C-PeP°CḡCÍCHPePsPiPs P·P°CÍPsP±CÍ PSP°
CḡPsP·PIPëC,PsPe P_μPjP±CḡC-PsPSP°/PiP»PsPrP°.

P°P°PSC- PrPsCÍP»C-PrP¶P_μPSCH CḡP°C†P_μPjC-C‡PSPsC— CÍCÍPjC-C€C- CÍ
C,PIP°CḡPëPS PSP_μ CÍPIC-PrC‡P°C,CH PïCḡPs P±P_μP·PiPsCÍP_μCḡP_μPrPSC-PN₂ P°P±Ps
PsPïPsCÍP_μCḡP_μPrPePsPIP°PSPëPN₂ C€PeC-PrP»PëPIPëPN₂ PIPïP»PëPI PSP°
PIP°PiC-C,PSC-CÍC,CH, PïPsP»PsPiPë P°P±Ps PïC-CÍP»CΠPiPsP»PsPiPsPIPëPN₂
CḡPsP·PIPëC,PsPe. P_μCḡPëP·PSP°C‡P°C,Pë P»C-PeP°CḡCÍCHPePëPN₂ P·P°CÍC-P±
P·P·PsP»PsPSPI^{B®} PIP°PiC-C,PSPëPj P¶C-PSPeP°Pj CÍP»C-Pr P·
PsP±P_μCḡP_μP¶PSC-CÍC,CH.

P_μPsPjC-CḡPSP° PeC-P»CHPeC-CÍC,CH PrP°PSPëC... PïCḡPs
P·P°CÍC,PsCÍCÍPIP°PSPSCΠ P»C-PeP°CḡCÍCHPePsPiPs P·P°CÍPsP±CÍ
PIP°PiC-C,PSPëPj (PIC-Pr 300 PrPs 1000 PIPëPiP°PrPeC-PI PIP°PiC-C,PSPsCÍC,C-)
PIPeP°P·CÍC” PSP° PIC-PrCÍCÍC,PSC-CÍC,CH CḡPëP·PëPeCÍ PICḡPsPrP¶P_μPSPëC...
PIP°Pr CḡPsP·PIPëC,PeCÍ P°P±Ps C,PsPeCÍPëC‡PSPsPiPs PIPïP»PëPICr
P_μP·PsPjP_μPïCḡP°P·PsP»CÍ PSP° CÍC,P°PS PïP»PsPrP°/P·PrPsCḡPsPIBḡ™ CΠ
PSPsPIPsPSP°CḡPsPrP¶P_μPSPsC— PrPëC,PëPSPë.

P P_μP·CÍP»CHC,P°C,Pë PrPsCÍP»C-PrP¶P_μPSCH PSP° C,PIP°CḡPëPSP°C... CÍPIC-PrC‡P°C,CH
PïCḡPs PIC-PrCÍCÍC,PSC-CÍC,CH PïCḡCΠPjPsC— C‡Pë PsPïPsCÍP_μCḡP_μPrPePsPIP°PSPsC—
C€PeC-PrP»PëPIPsC— PrC-C— P»C-PeP°CḡCÍCHPePsPiPs P·P°CÍPsP±CÍ PSP°
CḡP_μPïCḡPsPrCÍPeC,PëPIPSCr C,,CÍPSPeC†C-CH P·P° CḡP°C...CÍPSPsPe PN₂PsPiPs
C,PsPeCÍPëC‡PSPsPiPs PIPïP»PëPICr.

P_μP_μCḡC-PsPr PiPsPrCÍPIP°PSPSCΠ PiCḡCÍPrPrCH

PkP_μPIC-PrPsPjPs, C‡Pë PïCḡPsPSPëPeP°C” P_μP·PsPjP_μPïCḡP°P·PsP» CÍ PiCḡCÍPrPSP_μ
PjPsP»PsPePs. P†PSC,,PsCḡPjP°C†C-C— PïCḡPs PIPïP»PëPI P_μP·PsPjP_μPïCḡP°P·PsP»CÍ PSP°
PSPsPIPsPSP°CḡPsPrP¶P_μPSPëC.../PSP_μPjPsPIP»CΠC, PSP_μPrPsCÍC,P°C,PSCHPs. PÿPsPjCÍ
P»C-PeP°CḡCÍCHPePëPN₂ P·P°CÍC-P± P·P·PsP»PsPSPI^{B®} PSP_μ CÍP»C-Pr
P·P°CÍC,PsCÍPsPICrPIP°C,Pë CÍ PïP_μCḡC-PsPr PiPsPrCÍPIP°PSPSCΠ PiCḡCÍPrPrCH.

P_μP_μCḡC,PëP»CHPSC-CÍC,CH

P P_μP·CÍP»CHC,P°C,Pë PrPsCÍP»C-PrP¶P_μPSCH CḡP°C†P_μPjC-C‡PSPsC—
CÍCÍPjC-C€C- PsPjP_μPïCḡP°P·PsP»CÍ PSP° C,PIP°CḡPëPSP°C... PIPeP°P·CÍCHC,CH PSP°
PIC-PrCÍCÍC,PSC-CÍC,CH PIPïP»PëPICr PsPjP_μPïCḡP°P·PsP»CÍ PSP°
C,,P_μCḡC,PëP»CHPSC-CÍC,CH CÍ CḡP°P·C- PïP_μCḡPsCḡP°P»CHPSPsPiPs
P·P°CÍC,PsCÍCÍPIP°PSPSCΠ P»C-PeP°CḡCÍCHPePsPiPs P·P°CÍPsP±CÍ.

*P—PrP°C,PSC-CÍC,CH PIPïP»PëPIP°C,Pë PSP° C€PIPëPrPeC-CÍC,CH CḡP_μP°PeC†C-C— PïCḡPë
PeP_μCḡCáPIP°PSPSC- P°PIC,PsC,CḡP°PSCÍPiPsCḡC,PsPj P°P±Ps C-PSC€PëPjPë
PjP_μC...P°PSC-P·PjP°PjPë.*

P·P·PsPjP_μPïCḡP°P·PsP» PjP°C” PSP_μP·PSP°C‡PSPëPN₂ PIPïP»PëPI PSP° P·PrP°C,PSC-CÍC,CH
PeP_μCḡCÍPIP°C,Pë C,CḡP°PSCÍPiPsCḡC,PSPëPjPë P·P°CÍPsP±P°PjPë P°P±Ps

РіСґР°С†СґРІР°С,Рё Р· С-РSC€РёРјРё РјРµС...Р°РSC-Р·РјР°РјРё. Р—Р°С„С-РёСІР°РSPIP°PSPs
С,Р°РёС- РіРsР±С-С†РSC- СґРµР°Р°РёС†С-С—, СІРё Р·Р°РіР°РјРsСґРsС†РµРSPSCІ
(РSPµС†Р°СІС,Рs) С- РSPµС†С-С,РёС-СІС,Сґ Р·РsСґС† (РSPµС†Р°СІС,Рs) (РРёРІ.
СґРsР·РґС-Р» В«РµРsР±С-С†РSC- СґРµР°Р°РёС†С-С—В»). РіРёС%Рs С,Р°РёС- СґРsР·Р»Р°РРё
СІРіРіРsСІС,РµСґС-РіР°СґС,СґСІСІ, РіР°С†С-С"РSC,Р°Рј РSPµ СІР»С-Рґ РёРµРµСґС†РІР°С,Рё
С,СґР°РSPCІРіРsСґС,РSPёРјРё Р·Р°СІРsР±Р°РјРё С,Р° РіСґР°С†СґРІР°С,Рё Р· С-РSC€РёРјРё
РјРµС...Р°РSC-Р·РјР°РјРё.

РґРіРsСІС-Р± Р·Р°СІС,РsСІСґРІР°РSPSCІ С,Р° РґРsР·Рё.

Р"РsР·С†РІР°РSPSCІ

Р"РsСґРsСІР»С-

РґРSC,РёСІРµСґРµСґРµС,РsСґРSP° С,РµСґР°РіС-СІ СґР°Р·С-, РёРsР»Рё
РSPµРјРsР¶Р»Р»РёРs РІёРёРsСґРёСІС,Р°С,Рё РіРµСґРsСґР»Р»Р»Р»Р»Р» СёР»СІС...
РІРІРµРґРµРSPSCІ

РµР°С†С-С"РSC,Р°Рј, СІРёС- РSPµ РјРsР¶СІС,Сґ РіСґРёРµРµРјР°РјР°С,Рё
Р»С-РёР°СґСІСґРёРёРµРµРµРµРµ Р·Р°СІС-Р± РіРµСґРsСґР»Р»Р»Р»Р»Р» РјРsР¶РSP°
РІРІРsРґРёС,Рё РіСґРµРіРіР°Р°С, РіР°СґРµРµРSC,РµСґР»Р»Р»Р»Р»Р» СІ РґРsР·С- 20Вґ"40
РјРі 1 СґР°Р· РSP° РґРsР±СІ. Р"РsР· РґР»Р»Р» РіР°С†С-С"РSC,С-РІ С-Р·
СґРµС„Р»Р»Р»Р»Р»Р»Р»Р» РµСІРSPёРј РµР·С„Р°СІС,Р°РSPSРІёС,Сґ 40 РјРі 1 СґР°Р·
РSP° РґРsР±СІ. Р"РsР· РґР»Р»Р» РіР°С†С-С"РSC,С-РІ, СІРёС- РsРґРµСґР¶Р¶СІСґСґС,Сґ
СІРёРјРіРіС,РsРјР°С,РёС†РSPµ Р»С-РёСІРІР°РSPSCІ СґРµС„Р»Р»Р»Р»Р»Р»Р»
С...РІSСґРsР±Рё, СІС,Р°РSPSРІёС,Сґ 20 РјРі 1 СґР°Р· РSP° РґРsР±СІ.

РµСґРё Р»С-РёСІРІР°РSPSC- РІёСґР°Р·Р·Сё СёР»СІРSPёР°, Р·СІРјРsРІР»РµРµС...
Р·Р°СІС,РsСІСІРІР°РSPSCІРј РќРµР—, Р·РІёС†Р°РµР°РSP° РґРsР·Р°Р°
СІС,Р°РSPSРІёС,Сґ 20 РјРі 1 СґР°Р· РSP° РґРsР±СІ. Р"Р»Р»
Р·Р°РіРsР±С-РіР°РSPSCІ РІёСґР°Р·Р·Сё СёР»СІРSPёР° С,Р°
РґРІР°РSP°РґСІСІС,РёРіР»Р»Р»Р»Р»Р»Р» РёРёСёСёРёРё, Р·СІРјРsРІР»Р»Р»Р»Р»Р»Р»
С,РµСґР°РіС-С"Сґ РќРµР—, РіР°С†С-С"РSC,Р°Рј РіСґСІРіРіРё СґРёР·Р·РёРёС
РіСґРёР·Р·Р·Р°Р°С,Рё Р»С-РёР°СґСІСґРёРёРµРµРµРµ Р·Р°СІС-Р± СІ РґРsР·С- 20 РјРі 1
СґР°Р· РSP° РґРsР±СІ.

Р—Р°Р·РІёС†Р°РµР Р»С-РёСІРІР°РSPSCІ Р·Р° РґРsРіРsРјРsРіРsСґ
Р»С-РёР°СґСІСґРёРёРs Р·Р°СІРsР±СІ РґР»Р»
РІSCІС,СґС-СёРSCґРsРІРµРSPSPsРіРs РІРІРµРґРµРSPSCІ С"
РёРsСґРsС,РёРsС,СґРёРІР»Р»Р»Р»Р» РіР°С†С-С"РSC,С-РІ СІР»С-Рґ
РіРµСґРµРІРsРІРsРґРёС,Рё РSP° РіРµСґРsСґР»Р»Р»Р»Р»Р» Р·Р°СІС,РsСІСІРІР°РSPSCІ
Р»С-РёР°СґСІСґРёРёРs Р·Р°СІРsР±СІ СІРёРsРјРsРіРsРіР° СёРІРёРґСёРµРµ.

РµРsСґРsС,РёРsС,СґРёРІР»Р»Р»Р» РіС-РґС,СґРёРјР°РSPSCІ РіРµРјРјСІС,Р°Р·С С,Р°
РіСґРsС„С-Р»Р°РёС,РёРёР° РіРsРІС,РsСґРSPsС— РёСґРsРІsС,РµС†С- Сґ РіР°С†С-С"РSC,С-РІ
РіС-СІР»РµРSPРґСІРёРsРіС-С†РSPsРіРs Р»С-РёСґРІР°РSPSCІ РіРsСІС,СґРsС—
РёСґРsРІsС,РµС†С- РІSP°СІР»С-РґРsРё РІёСґР»Р»Р»Р»Р»Р» СёР»СІРSPёР° Р·Р±Рs
РґРІР°РSP°РґСІСІС,РёРіР»Р»Р»Р»Р»Р»Р» РёРёСёСёРёРё— РёРёСёСёРёРё

РµС-СГР»СЦ С,РµСҖР°РїРµРІС,РёС±РSPС— РµРSPРPsСГРРёРPsРіС-С— РіРsСГС,СҖРsС—
РёСҖРsРІРsС,РµС±С- РІРёСҖР°Р°Р°Рё СёР»СрРSPР° Р°Р±Рs
РrРІР°РSP°РrС±СЦС,РёРІР°Р»РsС— РёРёСёРёРё РІІРsРrРёС,Рё 80 РјРі
Р»С-РёР°СҖСГСҖСРёРsРіРs Р°Р°СГРsР±Ср Ср РІРёРіР»СЦРrС- Р±РsР»СҖСГРSPС—
С-РSC,,СрР°С-С— С,СҖРёРІР°Р»С-СГС,СҖ 30 С...РІРёР»Р»РёРs, РіС-СГР»СЦ С±РsРіРs
РіСҖРsРrРsРІР¶СрРІР°С,Рё РІІРµРrРµРSPSCЦ РіСҖРµРіР°СҖР°С,Ср Ср РІРёРіР»СЦРrС-
С,СҖРёРІР°Р»Р»Р»РsС— РІРSCрС,СҖС-СёРSCҖРsРІРµРSPSPС— С-РSC,,СрР°С-С— Р°С-
СёРІРёРrРёС-СГС,СҖ 8 РјРі/РіРsРrРёРSPСр РІРіСҖРsРrРsРІР¶ 3 РrС-Р± (72 РіРsРrРёРs).

РµС-СГР»СЦ РіР°СҖРµРSPС,РµСҖР°Р»СҖРSPsРіРs Р»С-РёСрРІР°РSPSCЦ
С,РµСҖР°РіС-СҖ СГР»С-Рr РіСҖРsРrРsРІР¶РёС,Рё Р°Р° РrРsРіРsРјРsРіРsСҖ
РіРµСҖРsСҖР»СҖРSPёС... Р°Р°СГРsР±С-РІ, С%Рs РіСҖРёРіРSPС-С±СрСҖС,СҖ
РёРёСГР»Р»РsС,РSCр СГРµРёСҖРµС±С-СҖ.

РҖРіРsСГС-Р± Р°Р°СГС,РsСГСрРІР°РSPSCЦ

Р±РSCГС,СҖСрРёС±С-С— Р° РіСҖРёРіРsС,СрРІР°РSPSCЦ РІС-РrРSPsРІР»РµРSPsРіРs
СҖРsР°С±РёРSCр РSP°РІРµРrРµРSPС- Ср РrР°РSPsРјСр СҖРsР°РrС-Р»С- РSPёР¶С±Рµ
(В«Р±РSCГС,СҖСрРёС±С-С— С-Р° Р°Р°СГС,РsСГСрРІР°РSPSCЦ,
РІРёРёРsСҖРёСГС,Р°РSPSCЦ С,Р° СрС,РёР»С-Р°Р°С±С-С— (Ср РІС-РrРіРsРІС-РrРSPёС...
РІРёРіР°РrРёР°С...))В»).

Р±РSC,,СрР°С-С—

Р°РsР°Р° 40 РјРі

Р°С-РrРSPsРІР»РµРSPёР№ СҖРsР°С±РёРSP РІІРsРrРёС,Рё Ср РІРёРіР»СЦРrС-
РІРSCрС,СҖС-СёРSCҖРsРІРµРSPSPС— С-РSC,,СрР°С-С— С,СҖРёРІР°Р»Р»С-СГС,СҖ
10вҖґ30 С...РІРёР»Р»Р»Р»Рs.

Р°РsР°Р° 20 РјРі

РµРsР»РsРІРёРSPСр РІС-РrРSPsРІР»РµРSPsРіРs СҖРsР°С±РёРSPСр РІІРsРrРёС,Рё Ср
РІРёРіР»СЦРrС- РІРSCрС,СҖС-СёРSCҖРsРІРµРSPSPС— С-РSC,,СрР°С-С—
С,СҖРёРІР°Р»Р»С-СГС,СҖ
10вҖґ30 С...РІРёР»Р»Р»Р»Рs. РќРµРµРsРsСҖРёС,Р°РSPёР№ СҖРsР°С±РёРSP
СрС,РёР»С-Р°СрРІР°С,Рё.

Р°РsР°Р° 80 РјРі

Р°С-РrРSPsРІР»РµРSPёР№ СҖРsР°С±РёРSP РІІРsРrРёС,Рё Ср РІРёРіР»СЦРrС-
С,СҖРёРІР°Р»Р»Р»РsС— РІРSCрС,СҖС-СёРSCҖРsРІРµРSPSPС— С-РSC,,СрР°С-С—
РіСҖРsС,СЦРіРsРј 30 С...РІРёР»Р»Р»Р»Рs.

Р°РsР°Р° 8 РјРі/РіРsРr

Р°С-РrРSPsРІР»РµРSPёР№ СҖРsР°С±РёРSP РІІРsРrРёС,Рё Ср РІРёРіР»СЦРrС-
С,СҖРёРІР°Р»Р»Р»Р»РsС— РІРSCрС,СҖС-СёРSCҖРsРІРµРSPSPС— С-РSC,,СрР°С-С—
РіСҖРsС,СЦРіРsРј 71,5 РіРsРrРёРSPё (СҖРsР°СҖР°С...РsРІР°РSP° СёРІРёРrРёС-СГС,СҖ
С-РSC,,СрР°С-С— 8 РјРі/РіРsРrРёРSPСр; С,РµСҖРјС-РS РіСҖРёРrР°С,РSPsСГС,С-

PIC-PrPSPsPIP»PμPSPsPiPs CḡPsP·C‡PëPSCr PIPeP°P·P°PSPëPNë Cr CḡPsP·PrC-P»C-B«PÿPμCḡPjC-PS PïCḡPëPrP°C,PSPsCfC,C-B»).

P†PSëḡ™C″PëC†C-C—

P″PsP·P° 40 PjPi

5 PjP» PIC-PrPSPsPIP»PμPSPsPiPs CḡPsP·C‡PëPSCr (8 PjPi/PjP») PIIPsPrCfC,CH Cr PIPëPiP»CfPrC- PIPSCrC,CḡC-CëPSCḡPsPIPμPSPSPsC— C-PSëḡ™C″PëC†C-C— C,CḡPëPIP°P»C-CfC,Cḡ C%PsPSP°PNëPjPμPSCëPμ 3 C...PIPëP»PëPSPë.

P″PsP·P° 20 PjPi

2,5 PjP» P°P±Ps PïPsP»PsPIPëPSCr PIC-PrPSPsPIP»PμPSPsPiPs CḡPsP·C‡PëPSCr (8 PjPi/PjP») PIIPsPrPëC,Pë Cr PIPëPiP»CfPrC- PIPSCrC,CḡC-CëPSCḡPsPIPμPSPSPsC— C-PSëḡ™C″PëC†C-C— C,CḡPëPIP°P»C-CfC,Cḡ C%PsPSP°PNëPjPμPSCëPμ 3 C...PIPëP»PëPSPë. PkPμPIPëPePsCḡPëCfC,P°PSPëPNë CḡPsP·C‡PëPS CrC,PëP»C-P·CrPIP°C,Pë.

PμPsCḡCéCëPμPSPSCf C,,CéPSPëC†C-C— PSPëCḡPsPe

P″P»Cf PïP°C†C-C″PSC,C-PI C-P· PïPsCḡCrCëPμPSPSCfPjPë C,,CrPSPëC†C-C— PSPëCḡPsPe PePsCḡPμPeC†C-Cf PrPsP·Pë PSPμ C″ PSPμPsP±C...C-PrPSPsCḡ. PhCfPeC-P»CHPePë PrPsCfPIC-Pr P·P°CfC,PsCfCrPIP°PSPSCf PïCḡPμPïP°CḡP°C,Cr PïP°C†C-C″PSC,P°Pj C-P· C,CfP¶PePsCḡ PSPëCḡPePsIPsCḡ PSPμPrPsCfC,P°C,PSC-CfC,Cḡ PsP±PjPμP¶PμPSPëPNë, C,P°PePëC... PïP°C†C-C″PSC,C-PI CfP»C-Pr P»C-PëCrPIP°C,Pë P· PsP±PμCḡPμP¶PSC-CfC,Cḡ (PrPëPI. CḡPsP·PrC-P» B«PαP°CḡPjP°PePsPeC-PSPμC,PëPeP°B»).

PμPsCḡCéCëPμPSPSCf C,,CéPSPëC†C-C— PïPμC‡C-PSPëPë

P″P·P Pf: PïP°C†C-C″PSC,P°Pj C-P· P»PμPiPePëPjPë P°P±Ps PïPsPjC-CḡPSPëPjPë PïPsCḡCrCëPμPSPSCfPjPë C,,CrPSPëC†C-C— PïPμC‡C-PSPëPë PePsCḡPμPeC†C-Cf PrPsP·Pë PSPμ PïPsC,CḡC-P±PSP°. PμP°C†C-C″PSC,P°Pj C-P· C,CfP¶PePëPjPë PïPsCḡCrCëPμPSPSCfPjPë C,,CrPSPëC†C-C— PïPμC‡C-PSPëPë PSPμ CfP»C-Pr PïPμCḡPμPIPëC%CrPIP°C,Pë PjP°PeCfPëPjP°P»CHPSCr PrPsP·Cr 20 PjPi (PrPëPI. CḡPsP·PrC-P» B«PαP°CḡPjP°PePsPeC-PSPμC,PëPeP°B»).

P′PëCḡP°P·PePë, C%Ps PeCḡPsIPsC,PsC‡P°C,CH: PïP°C†C-C″PSC,P°Pj C-P· P»PμPiPePëPjPë P°P±Ps PïPsPjC-CḡPSPëPjPë PïPsCḡCrCëPμPSPSCfPjPë C,,CrPSPëC†C-C— PïPμC‡C-PSPëPë PePsCḡPμPeC†C-Cf PrPsP·Pë PSPμ PïPsC,CḡC-P±PSP°; PïP°C†C-C″PSC,P°Pj C-P· C,CfP¶PePëPjPë PïPsCḡCrCëPμPSPSCfPjPë C,,CrPSPëC†C-C— PïPμC‡C-PSPëPë PïC-CfP»Cf PIIPμPrPμPSPSCf PïPsC‡P°C,PePsIPsC— P±PsP»CHCfPSPsC— PrPsP·Pë PïCḡPμPïP°CḡP°C,Cr P·P·PsP»PsPSPI^{B®} PrP»Cf C-PSC,,CrP·C-PNë 80 PjPi PïPsPrP°P»CHCëPμ PIIPμPrPμPSPSCf PïCḡPμPïP°CḡP°C,Cr Cr PIPëPiP»CfPrC-C,CḡPëPIP°P»PsC— PIPSCrC,CḡC-CëPSCḡPsPIPμPSPSPsC— C-PSC,,CrP·C-C— P·C-CëPIPëPrPeC-CfC,Cḡ 4 PjPi/PiPsPrPëPSCr PïCḡPsC,CfPiPsPj 71,5 PiPsPrPëPSPë PjPsP¶Pμ P±CrC,Pë PrPsCfC,P°C,PSC-Pj (PrPëPI. CḡPsP·PrC-P»

$$\begin{aligned} & \text{P}^\dagger\text{PSCl}^\dagger\text{C}, \text{C}\bar{\text{H}}\text{C}^\dagger\text{P}\text{eC}^\dagger\text{C}-\text{C}-\text{P}\cdot \text{P}^\dagger\text{C}\bar{\text{H}}\text{P}\bar{\text{e}}\text{P}\text{iP}\text{sC}, \text{C}^\dagger\text{PIP}^\circ\text{PSPSCl}^\dagger \text{PIC}-\text{PrPSPsPIP}\rangle\text{P}_\mu\text{PSPsPiPs} \\ & \text{C}\bar{\text{H}}\text{PsP}\cdot\text{C}\ddagger\text{P}\bar{\text{e}}\text{PSC}^\dagger \text{PSP}^\circ\text{PIP}_\mu\text{PrP}_\mu\text{PSC}-\text{C}^\dagger \text{PrP}^\circ\text{PSPsPjC}^\dagger \text{C}\bar{\text{H}}\text{PsP}\cdot\text{PrC}-\text{P}\rangle\text{C}-\text{PSP}\bar{\text{e}}\text{P}^\dagger\text{C}\ddagger\text{P}_\mu \\ & (\text{B}\langle\text{P}^\dagger\text{PSCl}^\dagger\text{C}, \text{C}\bar{\text{H}}\text{C}^\dagger\text{P}\text{eC}^\dagger\text{C}-\text{C}-\text{P}\cdot\text{C}-\text{P}\cdot\text{P}^\circ\text{Cl}^\dagger\text{C}, \text{PsCl}^\dagger\text{C}^\dagger\text{PIP}^\circ\text{PSPSCl}^\dagger, \end{aligned}$$

PIPëPePsCḡPëCíC,P°PSPSCḡ C,P° CrC,PëP»C-P·P°C†C-C— (Cr PIC-PrPïPsPIC-PrPSPëC... PIPëPiP°PrPeP°C...)B»).

P†PSëḡ™C''PeC†C-C—

P''PsP·P° 40 PjPi

5 PjP» PIC-PrPSPsPIP»PμPSPsPiPs CḡPsP·C†PëPSCr (8 PjPi/PjP») PIIPsPrPëC,Pë Cr PIPëPiP»CḡPrC- PIPSCrC,CḡC-C€PSCḡPsPIPμPSPSPsC— C-PSëḡ™C''PeC†C-C— C,CḡPëPIP°P»C-CíC,Cḡ C%PsPSP°PNëPjPμPSC€Pμ 3 C...PIPëP»PëPSPë.

P''PsP·P° 20 PjPi

2,5 PjP» P°P±Ps PïPsP»PsPIPëPSCr PIC-PrPSPsPIP»PμPSPsPiPs CḡPsP·C†PëPSCr (8 PjPi/PjP») PIIPsPrPëC,Pë Cr PIPëPiP»CḡPrC- PIPSCrC,CḡC-C€PSCḡPsPIPμPSPSPsC— C-PSëḡ™C''PeC†C-C— C,CḡPëPIP°P»C-CíC,Cḡ C%PsPSP°PNëPjPμPSC€Pμ 3 C...PIPëP»PëPSPë. PkPμPIPëPePsCḡPëCíC,P°PSPëPNë CḡPsP·C†PëPS CrC,PëP»C-P·CrPIP°C,Pë.

P''PsP·P° 10 PjPi

1,25 PjP» PIC-PrPSPsPIP»PμPSPsPiPs CḡPsP·C†PëPSCr (8 PjPi/PjP») PIIPsPrPëC,Pë Cr PIPëPiP»CḡPrC- PIPSCrC,CḡC-C€PSCḡPsPIPμPSPSPsC— C-PSëḡ™C''PeC†C-C— C,CḡPëPIP°P»C-CíC,Cḡ C%PsPSP°PNëPjPμPSC€Pμ 3 C...PIPëP»PëPSPë. PkPμPIPëPePsCḡPëCíC,P°PSPëPNë CḡPsP·C†PëPS CrC,PëP»C-P·CrPIP°C,Pë.

P†PSC,,C¿P·C-C—

P''PsP·P° 40 PjPi

P'C-PrPSPsPIP»PμPSPëPNë CḡPsP·C†PëPS PIIPsPrPëC,Pë Cr PIPëPiP»CḡPrC- PIPSCrC,CḡC-C€PSCḡPsPIPμPSPSPsC— C-PSC,,CrP·C-C— C,CḡPëPIP°P»C-CíC,Cḡ 10ëḡ"30 C...PIPëP»PëPS.

P''PsP·P° 20 PjPi

PμPsP»PsPIPëPSCr PIC-PrPSPsPIP»PμPSPsPiPs CḡPsP·C†PëPSCr PIIPsPrPëC,Pë Cr PIPëPiP»CḡPrC- PIPSCrC,CḡC-C€PSCḡPsPIPμPSPSPsC— C-PSC,,CrP·C-C— C,CḡPëPIP°P»C-CíC,Cḡ 10ëḡ"30 C...PIPëP»PëPS. PkPμPIPëPePsCḡPëCíC,P°PSPëPNë CḡPsP·C†PëPS CrC,PëP»C-P·CrPIP°C,Pë.

P''PsP·P° 10 PjPi

P§PIPμCḡC,ḡ PIC-PrPSPsPIP»PμPSPsPiPs CḡPsP·C†PëPSCr PIIPsPrPëC,Pë Cr PIPëPiP»CḡPrC- PIPSCrC,CḡC-C€PSCḡPsPIPμPSPSPsC— C-PSC,,CrP·C-C— C,CḡPëPIP°P»C-CíC,Cḡ 10ëḡ"30 C...PIPëP»PëPS. PkPμPIPëPePsCḡPëCíC,P°PSPëPNë CḡPsP·C†PëPS CrC,PëP»C-P·CrPIP°C,Pë.

*P†PSCÍC,CĤCžPeC†C-C— P·C- P·P°CÍC,PsCÍCžPIP°PSPSCĬ,
PIPëPePsCĤPëCÍC,P°PSPSCĬ C,P° CžC,PëP»C-P·P°C†C-C— (Cž PIC-PrPİPsPIC-PrPSPëC...
PIPëPİP°PrPeP°C...)*

PμPμCĤPμPr P·P°CÍC,PsCÍC†PIP°PSPSCĬPj PIC-PrPSPsPIP»PμPSPëPNē CĤPsP·C†PëPS
CÍP»C-Pr PIC-P·C†P°P»CHPSPs PsPiP»CĬPSC†C,Pë PSP° PSP°CĬPIPSC-CÍC,CH
C†P°CÍC,PsPe C,P° P·PjC-PSPë P·P°P±P°CĤPIP»PμPSPSCĬ. PŸP»C-Pr
PIPëPePsCĤPëCÍC,PsPIC†PIP°C,Pë P»PëC€Pμ PİCĤPsP·PsCĤPëPNē CĤPsP·C†PëPS.
P PsP·C†PëPS PİCĤPëP·PSP°C†PμPSPëPNē P»PëC€Pμ PrP»CĬ PsPrPSPsCĤP°P·PsPIPsPiPs
P·P°CÍC,PsCÍC†PIP°PSPSCĬ.

PİPeC%Ps PIPμCÍCH PIC-PrPSPsPIP»PμPSPëPNē PIPjC-CÍC, C„P»P°PePsPSP° PSPμ
PİPsC,CĤC-P±PμPS, PSPμPIPëPePsCĤPëCÍC,P°PSPëPNē CĤPsP·C†PëPS CÍP»C-Pr
C†C,PëP»C-P·C†PIP°C,Pë PIC-PrPİPsPIC-PrPSPs PrPs PjC-CÍC†PμPIPëC... PIPëPjPsPi.

P PsP·C†PëPS PrP»CĬ C-PSBĤ™C"PeC†C-PNē PİPs 40 PjPi

P"PsC,C†PIP°C,Pë CĤPsP·C†PëPS PrP»CĬ C-PSBĤ™C"PeC†C-C— (8 PjPi/PjP»),
PrPsPrP°CĤC†Pë 5 PjP» 0,9 % PSP°C,CĤC-CH C...P»PsCĤPëPrC† PrP»CĬ
PIPSC†C,CĤC-C€PSCĤPsPIPμPSPSPsPiPs P·P°CÍC,PsCÍC†PIP°PSPSCĬ PrPs
C„P»P°PePsPSP° PμP·PsPjPμPİCĤP°P·PsP»C† 40 PjPi.

P'C-PrPSPsPIP»PμPSPëPNē CĤPsP·C†PëPS PrP»CĬ C-PSBĤ™C"PeC†C-PNē
PİCĤPsP·PsCĤPëPNē C,P° P±PμP·P±P°CĤPIPSPëPNē P°P±Ps C,CĤPsC...Pë
P¶PsPIC,C†PIP°C,PsPiPs PePsP»CHPsCĤC†.

P PsP·C†PëPS PrP»CĬ C-PSC„C†P·C-PNē PİPs 40 PjPi

P"PsC,C†PIP°C,Pë CĤPsP·C†PëPS PrP»CĬ C-PSC„C†P·C-PNē, CĤPsP·C†PëPSCĬCHC†Pë
PIPjC-CÍC, 1 C„P»P°PePsPSP° PμP·PsPjPμPİCĤP°P·PsP»C† 40 PjPi C† 100 PjP» 0,9 %
C...P»PsCĤPëPrC† PSP°C,CĤC-CH PrP»CĬ PIPSC†C,CĤC-C€PSCĤPsPIPμPSPSPsPiPs
P·P°CÍC,PsCÍC†PIP°PSPSCĬ.

P PsP·C†PëPS PrP»CĬ C-PSC„C†P·C-PNē PİPs 80 PjPi

P"PsC,C†PIP°C,Pë CĤPsP·C†PëPS PrP»CĬ C-PSC„C†P·C-PNē, CĤPsP·C†PëPSCĬCHC†Pë
PIPjC-CÍC, 2 C„P»P°PePsPSC-PI PμP·PsPjPμPİCĤP°P·PsP»C† PİPs 40 PjPi C†
B B B B B 100 PjP» 0,9 % C...P»PsCĤPëPrC† PSP°C,CĤC-CH PrP»CĬ
PIPSC†C,CĤC-C€PSCĤPsPIPμPSPSPsPiPs P·P°CÍC,PsCÍC†PIP°PSPSCĬ.

P'C-PrPSPsPIP»PμPSPëPNē CĤPsP·C†PëPS PrP»CĬ C-PSC„C†P·C-PNē PİCĤPsP·PsCĤPëPNē
C,P° P±PμP·P±P°CĤPIPSPëPNē P°P±Ps C,CĤPsC...Pë P¶PsPIC,C†PIP°C,PsPiPs

PePsP»CHbPsCḡCf.

P''C-C,Pë.

P—P°CfC,PsCfPsPICfCḡC,CHb PrC-C,CḡPj PIC-PePsPj PIC-Pr 1 CḡPsPeCf CḡPe
P·P°CfC-P± PrP»Cḡ P°PSC,PëCfPμPeCḡPμC,PsCḡPSPsC— C,PμCḡP°PīC-C— Cf
CḡP°P·C-, PePsP»Pë PīPμCḡPsCḡP°P»CHbPSPëPNë PīCḡPëPNëPsPj PīCḡPμPīP°CḡP°C,Cf
PSPμPjPsPḡP»PëPIPëPNë.

PμPμCḡPμPrPsP·CžPIP°PSPSCḡ.

P''PsCfPIC-Pr PSP°PIPjPëCfPSPsPiPs PīPμCḡPμPrPsP·CfPIP°PSPSCḡ PrPsC,PμPīPμCḡ
PrCfPḡPμ PsP±PjPμPḡPμPSPëPNë. PŸPëPjPīC,PsPjP°PjPë, C%Ps PIPëPSPëPeP°P»Pë
PIPSP°CfP»C-PrPsPe PīPμCḡPsCḡP°P»CHbPSPsPjCf PīCḡPëPNëPsPjCf PrPsP·Pë 280 PjPi,
P±CfP»Pë PīCḡPsCḡPIPë P· P±PsPeCf CëP»CfPSPePsPIPs-PePëCëPePsPIPsPiPs
C,CḡP°PeC,Cf C,P° CfP»P°P±PeC-CfC,CHb. PhPrPSPsCḡP°P·PsPIPëPNë
PīPμCḡPsCḡP°P»CHbPSPëPNë PīCḡPëPNëPsPj 80 PjPi PμP·PsPjPμPīCḡP°P·PsP»Cf C,P°
PIPSCfC,CḡC-CëPSCḡPsPIPμPSPSPμ PIPIPμPrPμPSPSCḡ 308 PjPi
PμP·PsPjPμPīCḡP°P·PsP»Cf PīCḡPsC,CḡPiPsPj 24 PiPsPrPëPS PSP°CfP»C-PrPeC-PI PSPμ
CfPīCḡPëC±PëPSCḡP»Pë. PŸPīPμC±PëC,,C-C±PSPëPNë P°PSC,PëPrPsC,
PSPμPIC-PrPsPjPëPNë. P·P·PsPjPμPīCḡP°P·PsP» P·PSP°C±PSPëPj C±PëPSPsPj
P·PīBḡ™ CḡP·CfC''C,CHbCfCḡ P· P±C-P»PeP°PjPë PīP»P°P·PjPë PeCḡPsPIC-, C,PsPjCf
PīPsPiP°PSPs PIPëPIPsPrPëC,CHbCfCḡ P·P° PrPsPīPsPjPsPiPsCḡ PrC-P°P»C-P·Cf. PīPe C-
Cf PIPëPīP°PrPeCf P±CfPrCḡ-CḡPePsPiPs PīPμCḡPμPrPsP·CfPIP°PSPSCḡ, CfP»C-Pr
PSP°PrP°C,Pë CfPëPjPīC,PsPjP°C,PëC±PSPμ P»C-PeCfPIP°PSPSCḡ C,P° PIPḡPëC,Pë
P·P°PīP°P»CHbPSPëC... PīC-PrC,CḡPëPjCfCḡC±PëC... P·P°C...PsPrC-PI.

PμPsP±C-C±PSC- CḡPμP°PeC†C-C—.

PkPëPḡC±Pμ PSP°PIPμPrPμPSC- PīPsP±C-C±PSC- CḡPμP°PeC†C-C— PSP°
PīCḡPμPīP°CḡP°C, P±CfP»Pë PIPëCḡPIP»PμPSC- P°P±Ps
PīC-PrPsP·CḡCḡPIP°P»PëCfCḡ Cf PīCḡPsPiCḡP°PjC- PeP»C-PSC-C±PSPëC...
PrPsCfP»C-PrPḡPμPSCḡ PμP·PsPjPμPīCḡP°P·PsP»Cf PīCḡPë PNëPsPiPs
PīPμCḡPsCḡP°P»CHbPSPsPjCf P°P±Ps PIPSCfC,CḡC-CëPSCḡPsPIPμPSPSPsPjCf
P·P°CfC,PsCfCfPIP°PSPSC-, P° C,P°PePsPḡ PīC-Pr C±P°Cf
PīPsCfC,PjP°CḡPePμC,PëPSPiPsPIPsPiPs CfPīPsCfC,PμCḡPμPḡPμPSPSCḡ P·P°
PīPμCḡPsCḡP°P»CHbPSPëPj P·P°CfC,PsCfCfPIP°PSPSCḡPj PīCḡPμPīP°CḡP°C,Cf.
P PμP°PeC†C-C— CḡPsP·PīPsPrC-P»PμPSC- P·P° PeP°C,PμPiPsCḡC-CḡPjPë P·P°
C±P°CfC,PsC,PsCḡ: PrCfPḡPμ C±P°CfC,Ps B B (≥1/10); C±P°CfC,Ps (≥ 1/100 Bḡ" < 1/10);
PSPμC±P°CfC,Ps (≥ 1/1000 Bḡ" < 1/100); CḡC-PrPePs (≥ 1/10000 Bḡ" < 1/1000); PrCfPḡPμ
CḡC-PrPePs (<1/10000); C±P°CfC,PsC,P° PSPμPIC-PrPsPjP° (PSPμPjPsPḡP»PëPIPs
PIPëP·PSP°C±PëC,Pë P·P° PSP°CḡPIPSPëPjPë PrP°PSPëPjPë).

$P_{\text{л}}P \gg P^{\circ}C\dot{I}P\ddot{e} \ C\dot{I}P\ddot{e}C\dot{I}C, P_{\mu}P_j$ $PsC\dot{H}P_iP^{\circ}PSC-PI$	$P_{\mu}PsP \pm C-C \nmid PSC- \ C\dot{H}P_{\mu}P^{\circ}PeC \nmid C-C-$
$P- \ P \pm PsPeC\acute{e} \ PeC\dot{H}PsPIC- \ C, P^{\circ}$ $P \gg C-P_jC, P^{\circ}C, P\ddot{e}C \nmid PSPsC-$ $C\dot{I}P\ddot{e}C\dot{I}C, P_{\mu}P_jP\ddot{e}$	$P \ C-PrPePs: P \gg P_{\mu}PN_{\text{e}}PePsP_iP_{\mu}PSC-C\dot{I},$ $C, C\dot{H}PsP_jP \pm PsC \nmid P\ddot{e}C, PsP_iP_{\mu}PSC-C\dot{I}.$ $P^{\circ}C\acute{e}P\dot{I}P_{\mu} \ C\dot{H}C-PrPePs: P^{\circ}PiC\dot{H}P^{\circ}PSC\acute{r}P \gg PsC \nmid P\ddot{e}C, PsP \cdot,$ $P_iP^{\circ}PSC \nmid P\ddot{e}C, PsP_iP_{\mu}PSC-C\dot{I}.$
$P- \ P \pm PsPeC\acute{e} \ C-P_jC\acute{e}PSPSPsC-$ $C\dot{I}P\ddot{e}C\dot{I}C, P_{\mu}P_jP\ddot{e}$	$P \ C-PrPePs: C\dot{H}P_{\mu}P^{\circ}PeC \nmid C-C-$ $P_iC-P_iP_{\mu}C\dot{H}C \nmid C\acute{r}C, P \gg P\ddot{e}PiPsC\dot{I}C, C-,$ $PSP^{\circ}P_iC\dot{H}P\ddot{e}PeP \gg P^{\circ}Pr \ P_iP^{\circ}C\dot{H}C\dot{I}C \nmid PeP^{\circ},$ $P^{\circ}PSP_iC-PsPSP_{\mu}PIC\dot{H}PsC, P\ddot{e}C \nmid PSP\ddot{e}PN_{\text{e}} \ PSP^{\circ}P \pm C\dot{H}C\dot{I}Pe$ $C, P^{\circ} \ P^{\circ}PSP^{\circ}C, C-P \gg P^{\circ}PeC, P\ddot{e}C \nmid PSC- \ C\dot{H}P_{\mu}P^{\circ}PeC \nmid C-C-/$ $C\acute{e}PsPe.$
$P- \ P \pm PsPeC\acute{e}$ $P_jP_{\mu}C, P^{\circ}P \pm PsP \gg C-P \cdot P_jC\acute{e} \ C, P^{\circ}$ $C...P^{\circ}C\dot{H}C \nmid C\acute{e}PIP^{\circ}PSPSC\dot{I}$	$P\acute{k}P_{\mu}C \nmid P^{\circ}C\dot{I}C, Ps: P_iP_{\mu}C\dot{H}P\ddot{e}C, P_{\mu}C\dot{H}P\ddot{e}C \nmid PSP\ddot{e}PN_{\text{e}}$ $PSP^{\circ}P \pm C\dot{H}C\dot{I}Pe.$ $P \ C-PrPePs: PiC-P_iPsPSP^{\circ}C, C\dot{H}C-C^{\circ}P_jC-C\dot{I}.$ $P\dot{S}P^{\circ}C\dot{I}C, PsC, P^{\circ} \ PSP_{\mu}PIC-PrPsP_jP^{\circ}:$ $P_iC-P_iPsP_jP^{\circ}PiPSC-C^{\circ}P_jC-C\dot{I} \ (PrP\ddot{e}PI. \ C\dot{H}PsP \cdot PrC-P \gg$ $B \ll PhC\dot{I}PsP \pm P \gg P\ddot{e}PiPsC\dot{I}C, C-$ $P \cdot P^{\circ}C\dot{I}C, PsC\dot{I}C\acute{r}PIP^{\circ}PSPSC\dot{I}B \gg); C, C\dot{I}P \nmid PeP^{\circ}$ $P_iC-P_iPsP_jP^{\circ}PiPSC-C^{\circ}P_jC-C\dot{I} \ P_jPsP \nmid P_{\mu}$ $PePsC\dot{H}P_{\mu}P \gg C\dot{H}PIP^{\circ}C, P\ddot{e} \ P \cdot$ $P_iC-P_iPsPeP^{\circ}P \gg CHC \nmid C-C^{\circ}P_jC-C^{\circ}CH.$ $P^{\circ}C-P_iPsP_jP^{\circ}PiPSC-C^{\circ}P_jC-C\dot{I} \ C, P^{\circ}PePsP \nmid P_jPsP \nmid P_{\mu}$ $P \pm C\acute{r}C, P\ddot{e} \ P_iPsPiB\dot{H}^{\text{TM}} \ C\dot{I}P \cdot P^{\circ}PSP^{\circ} \ P \cdot$ $P_iC-P_iPsPeP^{\circ}P \gg C-C^{\circ}P_jC-C^{\circ}CH.$
$P_{\mu}C\dot{I}P\ddot{e}C...C-C \nmid PSC-$ $C\dot{H}PsP \cdot P \gg P^{\circ}PrP\ddot{e}$	$P\acute{k}P_{\mu}C \nmid P^{\circ}C\dot{I}C, Ps: P \pm P_{\mu}P \cdot C\dot{I}PsPSPSC\dot{I}.$ $P \ C-PrPePs: P^{\circ}P \nmid P\ddot{e}C, P^{\circ}C \nmid C-C\dot{I},$ $C\dot{I}P_iP \gg C\acute{r}C, P^{\circ}PSC-C\dot{I}C, CH \ C\dot{I}PIC-PrPsP_jPsC\dot{I}C, C-,$ $PrP_{\mu}P_iC\dot{H}P_{\mu}C\dot{I}C-C\dot{I}.$ $P^{\circ}C\acute{e}P\dot{I}P_{\mu} \ C\dot{H}C-PrPePs: P^{\circ}PiC\dot{H}P_{\mu}C\dot{I}C-C\dot{I},$ $P_iP^{\circ}P \gg CHC \nmid C-PSP^{\circ}C \nmid C-C-.$
$P- \ P \pm PsPeC\acute{e} \ PSP_{\mu}C\dot{H}PIP_sPIP_sC-$ $C\dot{I}P\ddot{e}C\dot{I}C, P_{\mu}P_jP\ddot{e}$	$P\dot{S}P^{\circ}C\dot{I}C, Ps: P_iPsP \gg PsPIPSP\ddot{e}PN_{\text{e}} \ P \pm C-P \gg CH.$ $P\acute{k}P_{\mu}C \nmid P^{\circ}C\dot{I}C, Ps: P \cdot P^{\circ}P_iP^{\circ}P_jPsC\dot{H}PsC \nmid P_{\mu}PSPSC\dot{I},$ $P_iP^{\circ}C\dot{H}P_{\mu}C\dot{I}C, P_{\mu}P \cdot C-C\dot{I}, \ C\dot{I}PsPSP \gg P\ddot{e}PIC-C\dot{I}C, CH.$ $P \ C-PrPePs: P_iPsC\dot{H}C\acute{r}C\acute{e}P_{\mu}PSPSC\dot{I} \ C\dot{I}P_jP^{\circ}PePsPIP\ddot{e}C...$ $PIC-PrC \nmid C\acute{r}C, C, C-PI.$
$P- \ P \pm PsPeC\acute{e} \ PsC\dot{H}P_iP^{\circ}PSC-PI$ $P \cdot PsC\dot{H}C\acute{e}$	$P\acute{k}P_{\mu}C \nmid P^{\circ}C\dot{I}C, Ps: PSP_{\mu}C \nmid C-C, PeC-C\dot{I}C, CH \ P \cdot PsC\dot{H}C\acute{r}.$
$P- \ P \pm PsPeC\acute{e} \ PsC\dot{H}P_iP^{\circ}PSC-PI$ $C\dot{I}P \gg C\acute{e}C...C\acute{e} \ C, P^{\circ}$ $C\dot{H}C-PIPSPsPIP^{\circ}PiP\ddot{e}$	$P\acute{k}P_{\mu}C \nmid P^{\circ}C\dot{I}C, Ps: PIP_{\mu}C\dot{H}C, P\ddot{e}PiPs.$
$P- \ P \pm PsPeC\acute{e}$ $PrP\ddot{e}C...P^{\circ}P \gg CHPSPsC-$ $C\dot{I}P\ddot{e}C\dot{I}C, P_{\mu}P_jP\ddot{e}, PsC\dot{H}P_iP^{\circ}PSC-PI$ $P_iC\dot{H}C\acute{e}PrPSPsC- \ PeP \gg C-C, PeP\ddot{e} \ C, P^{\circ}$ $C\dot{I}P_{\mu}C\dot{H}P_{\mu}PrPsC\dot{I}C, C-PSPSC\dot{I}$	$P \ C-PrPePs: P \pm C\dot{H}PsPSC...PsC\dot{I}P_iP^{\circ}P \cdot P_j.$

$P - P \pm PsPeC\acute{e} C, C\grave{H}P^{\circ}PIPSPsC -$ $C\acute{I}P\acute{e}C\acute{I}C, P_{\mu}PjP\acute{e}$	$P\grave{S}P^{\circ}C\acute{I}C, Ps: P \pm C - P \gg CH C\acute{r} P\P P\acute{e}IPsC, C-, P \cdot P^{\circ}P\acute{i}PsC\grave{H},$ $PrC - P^{\circ}C\grave{H}P_{\mu}C\grave{I}, PjP_{\mu}C, P_{\mu}PsC\grave{H}P\acute{e}P \cdot Pj,$ $PSC\acute{r}PrPsC, P^{\circ}/P \pm P \gg C\grave{H}PIP^{\circ}PSPSC\grave{I}, P\acute{i}PsP \gg C - P\acute{i}P\acute{e}$ $C,, C\acute{r}PSP\acute{r}P^{\circ}P \gg CH\grave{H}PSPsC - P \cdot P^{\circ}P \gg PsP \cdot P\acute{e}$ $(PrPsP \pm C\grave{H}PsC\grave{I}PeC - C\acute{I}PSC -).$ $P\acute{k}P_{\mu}C\ddagger P^{\circ}C\acute{I}C, Ps: C\acute{I}C\acute{r}C...C - C\acute{I}C, CH C\acute{r} C\grave{H}PsC, C-.$ $P C - PrPePs: C\acute{I}C, PsPjP^{\circ}C, P\acute{e}C,, C\acute{e}P \gg C\acute{r}PSP\acute{e}PsPIP\acute{s}-$ $PeP\acute{e}C\acute{e}PePsPIP\acute{e}PN_{\acute{e}} PeP^{\circ}PSP\acute{r}P\acute{e}PrPsP \cdot.$ $P\grave{S}P^{\circ}C\acute{I}C, PsC, P^{\circ} PSP_{\mu}PIC - PrPsPjP^{\circ}:$ $PjC - PeC\grave{H}PsC\acute{I}PePsP\acute{i}C - C\ddagger PSP\acute{e}PN_{\acute{e}} PePsP \gg C - C,,$
$P - P \pm PsPeC\acute{e}$ $PiP_{\mu}P\acute{i}P^{\circ}C, PsP \pm C - P \gg C - P^{\circ}C\grave{H}PSPsC -$ $C\acute{I}P\acute{e}C\acute{I}C, P_{\mu}PjP\acute{e}$	$P\acute{k}P_{\mu}C\ddagger P^{\circ}C\acute{I}C, Ps: P \cdot P \pm C - P \gg CHC\acute{e}P_{\mu}PSPSC\grave{I}$ $C\grave{H}C - PIPSC\grave{I} P\acute{i}P_{\mu}C\ddagger C - PSP\acute{e}PsPIP\acute{e}C...$ $C,, P_{\mu}C\grave{H}PjP_{\mu}PSC, C - PI.$ $P C - PrPePs: P\acute{i}P_{\mu}P\acute{i}P^{\circ}C, P\acute{e}C, C - P \cdot$ $P\P PsPIC, C\grave{I}PSP\acute{e}C\ddagger P_{\mu}C\grave{H} P^{\circ}P \pm Ps P \pm P_{\mu}P \cdot PSP_{\mu}C -.$ $P''C\acute{e}P\P P_{\mu} C\grave{H}C - PrPePs: P\acute{i}P_{\mu}C\ddagger C - PSP\acute{e}PsPIP^{\circ}$ $PSP_{\mu}PrPsC\acute{I}C, P^{\circ}C, PSC - C\acute{I}C, CH,$ $P_{\mu}PSC\ddagger P_{\mu}C,, P^{\circ}P \gg PsP\acute{i}P^{\circ}C, C - C\grave{I} C\acute{r} P\acute{i}P^{\circ}C\ddagger C - C''PSC, C - PI$ $C - P \cdot P\acute{i}PsP\acute{i}P_{\mu}C\grave{H}P_{\mu}PrPSC\grave{H}Ps PSP^{\circ}C\grave{I}PIPSPsC\grave{H}$ $C...PIP\acute{s}C\grave{H}PsP \pm PsC\grave{H} P\acute{i}P_{\mu}C\ddagger C - PSP\acute{e}P\acute{e}.$
$P - P \pm PsPeC\acute{e} C\acute{e}PeC - C\grave{H}P\acute{e} C, P^{\circ}$ $P\acute{i}C - PrC\acute{e}PeC - C\grave{H}PSPsC -$ $PeP \gg C - C, PePsPIP\acute{e}PSP\acute{e}$	$P\grave{S}P^{\circ}C\acute{I}C, Ps: C\grave{H}P_{\mu}P^{\circ}PeC\ddagger C - C - C\acute{r} PjC - C\acute{I}C\ddagger C -$ $PIPIP_{\mu}PrP_{\mu}PSPSC\grave{I} \cdot.$ $P\acute{k}P_{\mu}C\ddagger P^{\circ}C\acute{I}C, Ps: PrP_{\mu}C\grave{H}PjP^{\circ}C, P\acute{e}C,,$ $C\acute{I}PIP_{\mu}C\grave{H}P \pm C - P\P, PIP\acute{e}C\acute{I}P\acute{e}P\acute{i}P^{\circ}PSPSC\grave{I},$ $PeC\grave{H}PsP\acute{i}P\acute{e}PI\grave{b}\grave{H}^{\text{TM}} C\grave{I}PSP\acute{e}P^{\circ}.$ $P C - PrPePs: P^{\circ}P \gg PsP\acute{i}P_{\mu}C\ddagger C - C\grave{I},$ $C,, PsC, PsC\ddagger C\acute{r}C, P \gg P\acute{e}PIC - C\acute{I}C, CH.$ $P''C\acute{e}P\P P_{\mu} C\grave{H}C - PrPePs: P\acute{i}PsP \gg C - PjPsC\grave{H}C,, PSP^{\circ}$ $P_{\mu}C\grave{H}P\acute{e}C, P_{\mu}PjP^{\circ}, C\acute{I}P\acute{e}PSP\acute{r}C\grave{H}PsPj P\acute{Y}C, C - PIP_{\mu}PSC\acute{I}P^{\circ} -$ $P''P\P PsPSC\acute{I}PsPSP^{\circ}, C, PsPeC\acute{I}P\acute{e}C\ddagger PSP\acute{e}PN_{\acute{e}}$ $P_{\mu}P\acute{i}C - PrP_{\mu}C\grave{H}PjP^{\circ}P \gg CH\grave{H}PSP\acute{e}PN_{\acute{e}} PSP_{\mu}PeC\grave{H}PsP \gg C - P \cdot,$ $C - PSP\acute{r}C\acute{r}PePsPIP^{\circ}PSP^{\circ} P \gg C - PeP^{\circ}C\grave{H}C\acute{I}CH\grave{H}PeP\acute{e}PjP\acute{e}$ $P \cdot P^{\circ}C\acute{I}PsP \pm P^{\circ}PjP\acute{e} P_{\mu}PsP \cdot P\acute{e}PSPsC,, C - P \gg C - C\grave{I} P \cdot$ $C\acute{I}P\acute{e}C\acute{I}C, P_{\mu}PjPSP\acute{e}PjP\acute{e} C\acute{I}P\acute{e}PjP\acute{i}C, PsPjP^{\circ}PjP\acute{e} (DRESS).$ $P\grave{S}P^{\circ}C\acute{I}C, PsC, P^{\circ} PSP_{\mu}PIC - PrPsPjP^{\circ}:$ $P\acute{i}C - PrP\acute{i}PsC\acute{I}C, C\grave{H}P\acute{e}PN_{\acute{e}} C\acute{e}PeC - C\grave{H}PSP\acute{e}PN_{\acute{e}}$ $C\acute{I}P\acute{e}C\acute{I}C, P_{\mu}PjPSP\acute{e}PN_{\acute{e}} C\ddagger P_{\mu}C\grave{H}PIP\acute{s}PSP\acute{e}PN_{\acute{e}}$ $PIP\acute{s}PIC\ddagger P^{\circ}Pe.$
$P - P \pm PsPeC\acute{e} C\acute{I}PeP_{\mu}P \gg P_{\mu}C, PSPsC -$ $PjC\acute{e}C\acute{I}PeC\acute{e}P \gg P^{\circ}C, C\acute{e}C\grave{H}P\acute{e} C, P^{\circ}$ $C\acute{I}P\acute{i}PsP \gg C\acute{e}C\ddagger PSPsC -$ $C, PeP^{\circ}PSP\acute{e}PSP\acute{e}$	$P\acute{k}P_{\mu}C\ddagger P^{\circ}C\acute{I}C, Ps: P\acute{i}P_{\mu}C\grave{H}P_{\mu}P \gg PsPjP\acute{e} C\acute{I}C, P_{\mu}P\acute{i}PSP^{\circ},$ $P \cdot P^{\circ}P\acute{i}\grave{b}\grave{H}^{\text{TM}} C\grave{I}C\acute{I}C, C\grave{I} P^{\circ}P \pm Ps C...C\grave{H}P_{\mu}P \pm C, P^{\circ} (PrP\acute{e}PI.$ $C\grave{H}PsP \cdot PrC - P \gg B \ll PhC\acute{I}PsP \pm P \gg P\acute{e}PIP\acute{s}C\acute{I}C, C -$ $P \cdot P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC\grave{I}B \gg).$ $P C - PrPePs: P^{\circ}C\grave{H}C, C\grave{H}P^{\circ}P \gg P\acute{i}C - C\grave{I}, PjC - P^{\circ}P \gg P\acute{i}C - C\grave{I}.$ $P''C\acute{e}P\P P_{\mu} C\grave{H}C - PrPePs: Pj\grave{b}\grave{H}^{\text{TM}} C\grave{I}P \cdot PsPIP^{\circ}$ $C\acute{I}P \gg P^{\circ}P \pm PeC - C\acute{I}C, CH.$
$P - P \pm PsPeC\acute{e} PSP\acute{e}C\grave{H}PsPe C, P^{\circ}$ $C\acute{I}P_{\mu}C\ddagger PsPIP\acute{e}PrC - P \gg CH\grave{H}PSPsC -$ $C\acute{I}P\acute{e}C\acute{I}C, P_{\mu}PjP\acute{e}$	$P''C\acute{e}P\P P_{\mu} C\grave{H}C - PrPePs:$ $C, C\acute{r}P \pm C\acute{r}P \gg PsC - PSC, P_{\mu}C\grave{H}C\acute{I}C, P\acute{e}C\ddagger C - P^{\circ}P \gg CH\grave{H}PSP\acute{e}PN_{\acute{e}}$ $PSP_{\mu}C,, C\grave{H}P\acute{e}C, (P \cdot PjPsP\P P \gg P\acute{e}PIP\acute{e}Pj$ $P\acute{i}C\grave{H}PsP\acute{i}C\grave{H}P_{\mu}C\acute{I}C\acute{r}PIP^{\circ}PSPSC\grave{I}Pj PrPs$ $PSP\acute{e}C\grave{H}PePsPIP\acute{s}C - PSP_{\mu}PrPsC\acute{I}C, P^{\circ}C, PSP\acute{s}C\acute{I}C, C -).$
$P - P \pm PsPeC\acute{e}$ $C\grave{H}P_{\mu}P\acute{i}C\grave{H}PsPrC\acute{e}PeC, P\acute{e}PIPSPsC -$ $C\acute{I}P\acute{e}C\acute{I}C, P_{\mu}PjP\acute{e} C, P^{\circ}$ $PjPsP \gg PsC\ddagger PSPsC - P \cdot P^{\circ}P \gg PsP \cdot P\acute{e}$	$P''C\acute{e}P\P P_{\mu} C\grave{H}C - PrPePs: P\acute{i}C - PSP_{\mu}PePsPjP^{\circ}C\acute{I}C, C - C\grave{I}.$

$P-P^{\circ}PiP^{\circ}P \gg CH\bar{P}SC- C\bar{H}PsP \cdot P \gg P^{\circ}PrP\ddot{e}$ $C, P^{\circ} C\bar{H}P\mu P^{\circ}PeC\uparrow C-C- C\acute{z}$ $PjC-C\acute{I}C\uparrow C- PIPIP\mu PrP\mu PSPSC\downarrow$	$P C-PrPePs: PSP\mu P \cdot PrC\acute{r}P\uparrow P^{\circ}PSPSC\downarrow,$ $PiPsC\acute{I}P\ddot{e}P \gg P\mu PSP\mu PiPsC, PsPIP\ddot{e}PrC-P \gg P\mu PSPSC\downarrow.$
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*P $P\mu P^{\circ}PeC\uparrow C-C-$ $C\acute{r} PjC-C\acute{I}C\uparrow C- PIPIP\mu PrP\mu PSPSC\downarrow$ $C\acute{I}PiPsC\acute{I}C, P\mu C\bar{H}C-PiP^{\circ}P \gg P\ddot{e}C\acute{I}C\downarrow$
 $PiP\mu C\bar{H}P\mu PIP^{\circ}P\uparrow PSPs$ $C\acute{r} PrPsC\acute{I}P \gg C-PrP\uparrow P\mu PSPSC- P \cdot C- P \cdot P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC\downarrow Pj$
 $PIP\ddot{e}C\acute{I}PsPeP\ddot{e}C... PrPsP \cdot PiC\bar{H}PsC, C\downarrow PiPsPj$ 3 $PrC-P \pm (72 PiPsPrP\ddot{e}PS)$. Pj
 $PiC\bar{H}PsPiC\bar{H}P^{\circ}PjC- PrPsPeP \gg C-PSC-C\ddagger PSPsPiPs PrPsC\acute{I}P \gg C-PrP\uparrow P\mu PSPSC\downarrow$
 $PiC\bar{H}P\mu PiP^{\circ}C\bar{H}P^{\circ}C, C\acute{r} P\mu P \cdot PsPjP\mu PiC\bar{H}P^{\circ}P \cdot PsP \gg PrP \gg C\downarrow$
 $PIPSC\acute{r}C, C\bar{H}C-C\epsilon PSC\bar{H}PsPIP\mu PSPSPsPiPs P \cdot P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC\downarrow PSP\mu$
 $C\acute{I}PiPsC\acute{I}C, P\mu C\bar{H}C-PiP^{\circ}P \gg PsC\acute{I}C\downarrow PiPsPrC\bar{H}P^{\circ}P \cdot PSP\mu PSPSC\downarrow C\acute{I}C\acute{r}PrP\ddot{e}PS, PiC\bar{H}PsC, P\mu$
 $P \pm C\acute{r}P \gg P^{\circ} P \cdot P^{\circ}C, C-PeC\acute{I}PsPIP^{\circ}PSP^{\circ} PSP\mu P \cdot PSP^{\circ}C\ddagger PSP^{\circ} C\bar{H}P\mu P^{\circ}PeC\uparrow C-C\downarrow$
 $P \cdot P^{\circ}PiP^{\circ}P \gg P\mu PSPSC\downarrow C, PeP^{\circ}PSP\ddot{e}PSP\ddot{e} C\acute{r} PrC-P \gg C\downarrow PSC\uparrow C- PiC-PrC\epsilon PeC-C\bar{H}PSPsC-$
 $(PSP^{\circ}PIPePsP \gg PsPIP\mu PSPsP \cdot PSPsC-) C-PS\bar{b}\bar{H}^{\text{TM}}C''PeC\uparrow C-C-.$ $P P\mu P \cdot C\acute{r}P \gg CH\bar{C}, P^{\circ}C, P\ddot{e}$
 $PrPsPeP \gg C-PSC-C\ddagger PSPsPiPs PrPsC\acute{I}P \gg C-PrP\uparrow P\mu PSPSC\downarrow PIPeP^{\circ}P \cdot C\acute{r}PIP^{\circ}P \gg P\ddot{e} PSP^{\circ} C, P\mu,$
 $C\%Ps PeP \gg C-PSC-C\ddagger PSP\mu PiC\bar{H}PsC\downarrow PIP \gg P\mu PSPSC\downarrow PiPsPrC\bar{H}P^{\circ}P \cdot PSP\mu PSPSC\downarrow$
 $C, PeP^{\circ}PSP\ddot{e}PSP\ddot{e} P \pm C\acute{r}P \gg Ps PiPsPi\bar{b}\bar{H}^{\text{TM}}C\downarrow P \cdot P^{\circ}PSP\mu P \cdot PePsPSC\uparrow P\mu PSC, C\bar{H}P^{\circ}C\uparrow C-C''C\bar{H}.$

$P\acute{K}P\mu PsP \pm PsC\bar{H}PsC, PSC- PiPsC\bar{H}C\acute{r}C\epsilon P\mu PSPSC\downarrow P \cdot PsC\bar{H}C\acute{r} PIC-PrP \cdot PSP^{\circ}C\ddagger P^{\circ}P \gg P\ddot{e}C\acute{I}C\downarrow$
 $C\acute{r} PiPsPsPrP\ddot{e}PSPsPeP\ddot{e}C... PIP\ddot{e}PiP^{\circ}PrPeP^{\circ}C... C\acute{r} PeC\bar{H}P\ddot{e}C, P\ddot{e}C\ddagger PSPs C... PIPsC\bar{H}P\ddot{e}C...$
 $PiP^{\circ}C\uparrow C-C''PSC, C-PI, C\downarrow PeC- PsC, C\bar{H}P\ddot{e}PjC\acute{r}PIP^{\circ}P \gg P\ddot{e} PsPjP\mu PiC\bar{H}P^{\circ}P \cdot PsP \gg$
 $(C\bar{H}P^{\circ}C\uparrow P\mu PjP^{\circ}C,) C\acute{r} PIP\ddot{e}PiP \gg C\downarrow PrC- PIPSC\acute{r}C, C\bar{H}C-C\epsilon PSC\bar{H}PsPIP\mu PSPSPsC-$
 $C-PS\bar{b}\bar{H}^{\text{TM}}C''PeC\uparrow C-C-, PsC\acute{I}PsP \pm P \gg P\ddot{e}PIPs C\acute{r} PIP\ddot{e}C\acute{I}PsPeP\ddot{e}C... PrPsP \cdot P^{\circ}C..., PsPrPSP^{\circ}Pe$
 $PiC\bar{H}P\ddot{e}C\ddagger P\ddot{e}PSPSPs-PSP^{\circ}C\acute{I}P \gg C-PrPePsPIP\ddot{e}PN\ddot{e} P \cdot Pi\bar{b}\bar{H}^{\text{TM}}C\downarrow P \cdot PsPe PSP\mu$
 $PIC\acute{I}C, P^{\circ}PSPsPIP \gg P\mu PSP\ddot{e}PN\ddot{e}.$

$P\mu P\mu PrC-P^{\circ}C, C\bar{H}P\ddot{e}C\ddagger PSP^{\circ} PiPsPiC\acute{z}P \gg C\downarrow C\uparrow C-C\downarrow$

$P P^{\circ}PSPPrPsPjC-P \cdot PsPIP^{\circ}PSP\mu PIC-PrPeC\bar{H}P\ddot{e}C, P\mu PjC-P\uparrow PSP^{\circ}C\bar{H}PsPrPSP\mu$
 $PrPsC\acute{I}P \gg C-PrP\uparrow P\mu PSPSC\downarrow P \pm C\acute{r}P \gg Ps PiC\bar{H}PsPIP\mu PrP\mu PSPs P \cdot PjP\mu C, PsC\bar{H}$
 $PsC\uparrow C-PSPeP\ddot{e} C, P^{\circ}C\bar{H}PjP^{\circ}PePsPeC-PSP\mu C, P\ddot{e}PeP\ddot{e} P \pm P^{\circ}PiP^{\circ}C, PsC\bar{H}P^{\circ}P \cdot PsPIPsPiPs$
 $PIPSC\acute{r}C, C\bar{H}C-C\epsilon PSC\bar{H}PsPIP\mu PSPSPsPiPs P \cdot P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC\downarrow$
 $P\mu P \cdot PsPjP\mu PiC\bar{H}P^{\circ}P \cdot PsP \gg C\acute{r} PiC\bar{H}PsC, C\downarrow PiPsPj$ 4 $PrPSC-PI PiC\bar{H}P\ddot{e} PIPIP\mu PrP\mu PSPSC- 1$
 $C\bar{H}P^{\circ}P \cdot PSP^{\circ} PrPsP \pm C\acute{r} C\acute{r} PrC-C, P\mu PN\ddot{e} PIC-PePsPj PIC-Pr 0 PrPs 18 C\bar{H}PsPeC-PI (PrP\ddot{e}PI.$
 $C\bar{H}PsP \cdot PrC-P \gg B \ll P^{\circ}C\bar{H}PjP^{\circ}PePsPeC-PSP\mu C, P\ddot{e}PeP^{\circ}B \gg).$ $P'C\acute{I}CH\bar{H}PsPiPs PrPs$
 $PsC\uparrow C-PSPeP\ddot{e} P \pm P\mu P \cdot PiP\mu PeP\ddot{e} P \gg C-PeP^{\circ}C\bar{H}C\acute{I}CH\bar{H}PePsPiPs P \cdot P^{\circ}C\acute{I}PsP \pm C\acute{r} P \pm C\acute{r}P \gg Ps$
 $P \cdot P^{\circ}P \gg C\acute{r}C\ddagger P\mu PSPs$ 57 $PiP^{\circ}C\uparrow C-C''PSC, C-PI$ (8 $PrC-C, P\mu PN\ddot{e} PIC-PePsPj$ 1 $\bar{b}\bar{H}''5$
 $C\bar{H}PsPeC-PI). P''P^{\circ}PSC- P \cdot P \pm P\mu P \cdot PiP\mu PeP\ddot{e} PiC\bar{H}P\mu PiP^{\circ}C\bar{H}P^{\circ}C, C\acute{r}$
 $C\acute{r}P \cdot PiPsPrP\uparrow C\acute{r}C\bar{H}C, CH\bar{C}\acute{I}C\downarrow P \cdot PIC-PrPsPjP\ddot{e}Pj PiC\bar{H}PsC, C-P \gg P\mu Pj P \pm P\mu P \cdot PiP\mu PeP\ddot{e}$
 $P\mu P \cdot PsPjP\mu PiC\bar{H}P^{\circ}P \cdot PsP \gg C\acute{r}, C- PSPsPIP\ddot{e}C... P \cdot P^{\circ}PiC\bar{H}PsP \cdot P \pm P\mu P \cdot PiP\mu C\uparrow C-$
 $PiP^{\circ}C\uparrow C-C''PSC, C-PI PIP\ddot{e}C\downarrow PIP \gg P\mu PSPs PSP\mu P \pm C\acute{r}P \gg Ps.$

$P\mu PsPIC-PrPsPjP \gg P\mu PSPSC\downarrow PiC\bar{H}Ps PiPsP \pm C-C\ddagger PSC- C\bar{H}P\mu P^{\circ}PeC\uparrow C-C- PiC-C\acute{I}P \gg C\downarrow$
 $C\bar{H}P\mu C''C\acute{I}C, C\bar{H}P^{\circ}C\uparrow C-C- P \gg C-PeP^{\circ}C\bar{H}C\acute{I}CH\bar{H}PePsPiPs P \cdot P^{\circ}C\acute{I}PsP \pm C\acute{r} PjP^{\circ}C''$
 $PIP^{\circ}P\uparrow P \gg P\ddot{e}PIP\mu P \cdot PSP^{\circ}C\ddagger P\mu PSPSC\downarrow. PjP\mu PrP^{\circ}C'' P \cdot PjPsPiC\acute{r} PiC\bar{H}PsPIPsPrP\ddot{e}C, P\ddot{e}$
 $PjPsPSC-C, PsC\bar{H}P\ddot{e}PSPi C\acute{I}PiC-PIPIC-PrPSPsC\epsilon P\mu PSPSC\downarrow PePsC\bar{H}P\ddot{e}C\acute{I}C, CH\bar{H}/C\bar{H}P\ddot{e}P \cdot P\ddot{e}Pe$

$$\mathbf{P_{\text{Л}}P^{\circ}C,P_{\text{P}}P_{\text{I}}P_{\text{S}}C\text{H}_3\text{-C}\text{H}\text{ P}\text{I}\text{C-P}\text{r}\text{P}\text{I}^{\circ}\text{C}\text{r}\text{C}\text{I}^{\circ}\text{P}\text{e}\text{C}\text{r}. \text{P-P}^{\circ} \text{C}\text{H}\text{P}_{\text{U}}\text{C}^{\dagger}\text{P}_{\text{U}}\text{P}\text{I}^{\circ}\text{C},\text{P}_{\text{S}}\text{P}_{\text{I}}.$$

P'PëCĤPsP±PSPëPe.

PŸPsC,,P°CĤC-PjPμPeCÍ вЂ“ P†PSPrCíCÍC,CĤC-P° PљC-PjC-PeP° Pμ
PᄡP°CĤPjP°CÍCHCĤC,C-PeP°, PŸ.Pĥ./

Sofarimex вЂ“ Industria Quimica e Farmaceutica, S.A.

**PљC-CÍC†PμP•PSP°C...PsPrP¶PμPSPSCĬ PIPëCĤPsP±PSPëPeP° C,P° P°PrCĤPμCÍP°
PjC-CÍC†CĬ PİCĤPsPIP°PrP¶PμPSPSCĬ PNᄡPsPiPs PrC-CĬP»CHPSPsCÍC,C-.**

PĥPI. PrP°C€ P†PSPrCíCÍC,CĤC-P° вЂ“ PĥP»CHC,Ps PrPs PљPsP»P°CĤC-PrPμ, PљP°CÍPμPS,
2735-213, PᄡPsCĤC,CíPiP°P»C-CĬ/

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