

Р†РќРЎРЎР РЈРЉРІР†РЇ

**РгР»СІ РјРµРгРёС±РSPsPiPs Р·Р°СІС,РsСІСІРІР°РSPSCІ
Р»С-РёР°СІСІСРёРsPiPs Р·Р°СІРsР±СІ**

Р"Р·РµРђРІР·Р· РЉРђРђР'Р†

(GEPACEF COMBY)

РЎРёР»Р°Р°Р:

РгС-СІС±С- СІРµС±РsPiРёРSPё: cefoperazone, sulbactam;

1 С„Р»Р°РёРsРS РјС-СІС,РёС,СІ СІС,РµСІРёР»СІРSPsС— СІСІРјС-СёС-
С†РµС„,РsРіРµСІР°Р°РSPCІ РSP°С,СІС-С"РІPsС— СІРsР»С- С,Р° СІСІР»СІР±Р°Р°РёС,Р°РјСІ
РSP°С,СІС-С"РІPsС— СІРsР»С- (1:1), СІ РіРµСІРµСІР°Р°Р...СІРІР°РSPSC- РSP°
С†РµС„,РsРіРµСІР°Р°РSPS вІ" 1,0 Рі С,Р° СІСІР»СІР±Р°Р°РёС,Р°РјСІ вІ" 1,0 Рі.

**Р»С-РёР°СІСІСРёРsPiPs С„РsСІРјР°Р°Р. РµРsСІРsСёРsРё РгР»СІ СІРsР·С±РёРSPCІ РгР»СІ
С-РSвІ™С"РёС†С-Р№.**

*РІСІРSPsPiPsС- С„С-Р·РёРёРsС...С-РјС-С±РSPC- РІР»Р°СІС,РёРІPsСІС,С-: РіРsСІРsСёРsРё
Р±С-Р»РsPiPs Р°Р±Рs РјР°Р№Р¶Рµ Р±С-Р»РsPiPs РёРsР»СІРsСІС.*

Р·Р°СІРјР°Р°РРёРsPiPs,РµСІР°Р°РРіРіРіС,РёС±РSP° РіСІСІРІР°Р.

РђРSPC,РёР±Р°Р°РёС,РµСІС-Р°Р»СІРSPC- Р·Р°СІРsР±Рё РгР»СІ СІРёСІС,РµРјРSPsPiPs
Р·Р°СІС,РsСІСІРІР°РSPSCІ. Р†РSPCёС- Р±РµС,Р°-Р»Р°РёС,Р°РјРSPC- Р°РSPC,РёР±С-РsС,РёРёРё.
РіРµС„,Р°Р»РsСІРіРsСІРёРSPё С,СІРµС,СІРsPiPs РіРsРёРsР»С-РSPSCІ. РЉРsРг РђРЎРІ J01D
D62.

Р·Р°СІРјР°Р°РРёРsPiPsС-Р±РSPC- РІР»Р°СІС,РёРІPsСІС,С-.

Р·Р°СІРјР°Р°РРёРsPiPsРёРSP°РјС-РёР°Р.

Р"РµРіР°РС†РµС„, РЉРsРјР±С- С" РёРsРјР±С-РSP°С†С-С"СІ СІСІР»СІР±Р°Р°РёС,Р°РјСІ
РSP°С,СІС-СІ С,Р° С†РµС„,РsРіРµСІР°Р°РSPCІ РSP°С,СІС-СІ.

РЎСІР»СІР±Р°Р°РёС,Р°Рј РSP°С,СІС-СІ С" РіРsС...С-РгРSPёРј РsСІСІРSPsPiPs
РіРµРSPC-С†РёР»С-РSPsPiPs СІРгСІР°. Р'С-РS С" РSPµРsР±РsСІРSP,РSPёРј
С-РSPіС-Р±С-С,РsСІРsРј Р±РµС,Р°-Р»Р°РіР°Р°Р РёР°Р°Р Р·Р°СІРsР±РіС"С,СІСІСІ
С,С-Р»СРёРё РіР°СІРµРSPC,РµСІР°Р»СІРSPs. Р—Р°СІС-РјС-С±РSPCІ
СІС,СІСІРёС,СІСІРsСІ С†РµС„ СІСІР»СІР±Р°Р°Р,РsРSPSP°С,СІС-СІ РіРµРSPC-С†РёР»С-РSP°С,СІ.
РІС-СІС,РёС,СІ 92 РјРі РSP°С,СІС-СІ (4 РјР·РёР) РSP° 1 РіСІР°Рј. РЎСІР»СІР±Р°Р°РёС,Р°Рм

в҃җ“ PrCfP¶Pµ P»PµPiPePs C҃җPsP·C‡PөPSPSPөPNө Cr PIPsPrC- PeC҃җPөCfC,P°P»C-C‡PSPөPNө
PiPsC҃җPsCөPsPe PjP°PNөP¶Pµ P±C-P»PsPiPs PePsP»CHPsC҃җCr. P҃җPsP»PµPeCrP»C¶C҃җPSP°
PjP°CfP° CfC,P°PSPsPIPөC,CH 255,22.

PiPµC,,PsPiPµC҃җP°P·PsPS PSP°C,C҃җC-CH в҃җ“ C‡Pµ PSP°PiC-PICfPөPSC,PµC,PөC‡PSPөPNө
C‡PµC,,P°P»PsCfPiPsC҃җPөPSPsPIPөPNө P°PSC,PөP±C-PsC,PөPe P‡P‡P‡ PiPsPePsP»C-PSPSC¶
CөPөC҃җPsPePsPiPs CfPiPµPeC,C҃җP° PrC-C—, C%Ps P·P°CfC,PsCfPsPICfC”C,CHCfC¶
C,C-P»CHPePө PiP°C҃җPµPSC,PµC҃җP°P»CHPSPs. P҃җC-CfC,PөC,CH 34 PjPi PSP°C,C҃җC-CH
(1,5 PjP·PePI) PSP° 1 PiC҃җP°Pj. PiPµC,,PsPiPµC҃җP°P·PsPS в҃җ“ C‡Pµ
P»PµPiPePsC҃җPsP·C‡PөPSPSPөPNө Cr PIPsPrC- PeC҃җPөCfC,P°P»C-C‡PSPөPNө PiPsC҃җPsCөPsPe
P±C-P»PsPiPs PePsP»CHPsC҃җCr. P҃җPsP»PµPeCrP»C¶C҃җPSP° PjP°CfP° CfC,P°PSPsPIPөC,CH
667,65.

P҃җPµC...P°PSC-P·Pj PrC-C—.

P҃җPSC,PөP±P°PeC,PµC҃җC-P°P»CHPSPөPj PePsPjPiPsPSPµPSC,PsPj PiC҃җPµPiP°C҃җP°C,Cr
P”PµPiP°C‡PµC,, P҃җPsPjP±C- C” C‡PµC,,PsPiPµC҃җP°P·PsPS в҃җ“ C‡PµC,,P°P»PsCfPiPsC҃җPөPSC
P‡P‡P‡ PiPsPePsP»C-PSPSC¶, C%Ps PrC-C” PiC҃җPsC,Pө C‡CrC,P»PөPIPөC...
PjC-PөC҃җPsPsC҃җPiP°PSC-P·PjC-PI Cr CfC,P°PrC-C— P°PeC,PөPIPSPsC—
PjCrP»CHC,PөPiP»C-PөP°C‡C-C— CөP»C¶C...PsPj PiC҃җPөPiPSC-C‡PµPSPSC¶
P±C-PsCfPөPSC,PµP·Cr PjCrPePsPiPµPiC,PөPrCr PeP»C-C,PөPSPSPsC— CfC,C-PSPөPө.
P҃җCrP»CHP±P°PeC,P°Pj PSPµ PjP°C” PIPөC҃җP°P¶PµPSPsC—
P°PSC,PөP±P°PeC,PµC҃җC-P°P»CHPSPsC— P°PeC,PөPIPSPsCfC,C-, P·P° PIPөPSC¶C,PePsPj
P°PeC,PөPIPSPsCfC,C- PiC҃җPsC,Pө *Neisseriaceae* C,P° *Acinetobacter*. P҃җPrPSP°Pe
P±C-PsC...C-PjC-C‡PSC- PrPsCfP»C-PrP¶PµPSPSC¶ PSP° P±PµP·PeP»C-C,PөPSPSPөC...
P±P°PeC,PµC҃җC-P°P»CHPSPөC... CfPөCfC,PµPjP°C... PiPsPeP°P·P°P»Pө, C%Ps
CfCrP»CHP±P°PeC,P°Pj C” PSPµPsP±PsC҃җPsC,PSPөPj C-PSPiC-P±C-C,PsC҃җPsPj
PSP°PNөPIP°P¶P»PөPIC-CөPөC... P±PµC,P°-P»P°PeC,P°PjP°P·, C%Ps
PiC҃җPsPrCrPeCrC҃җC,CHCfC¶ PjC-PөC҃җPsPsC҃җPiP°PSC-P·PjP°PjPө,
C҃җPµP·PөCfC,PµPSC,PSPөPjPө PrPs P±PµC,P°-P»P°PeC,P°PjPSPөC... P°PSC,PөP±C-PsC,PөPeC-PI.

PµPsC,PµPSC‡C-P°P» CfCrP»CHP±P°PeC,P°PjCr C%PsPrPs P·P°PiPsP±C-PiP°PSPSC¶
PrPµCfC,C҃җCrPeC‡C-C— PiPµPSC-C‡PөP»C-PSC-PI C,P° C‡PµC,,P°P»PsCfPiPsC҃җPөPSC-PI
C҃җPµP·PөCfC,PµPSC,PSPөPjPө PjC-PөC҃җPsPsC҃җPiP°PSC-P·PjP°PjPө P±CrPI
PiC-PrC,PIPµC҃җPrP¶PµPSPөPNө Cr C...PsPrC- PrPsCfP»C-PrP¶PµPSC҃җ C‡C-P»C-CfPSPөC...
PjC-PөC҃җPsPsC҃җPiP°PSC-P·PjC-PI P· PIPөPePsC҃җPөCfC,P°PSPSC¶Pj
C҃җPµP·PөCfC,PµPSC,PSPөC... CөC,P°PjC-PI, PiC-Pr C‡P°Cf C¶PePөC... CfCrP»CHP±P°PeC,P°Pj
PiC҃җPsPrPµPjPsPSCfC,C҃җCrPIP°PI PIPөC҃җP°P¶PµPSPөPNө CfPөPSPµC҃җPiC-P·Pj P·
PiPµPSC-C‡PөP»C-PSP°PjPө C,P° C‡PµC,,P°P»PsCfPiPsC҃җPөPSP°PjPө. P҃җCfPeC-P»CHPePө
CfCrP»CHP±P°PeC,P°Pj C,P°PePsP¶ P·PIв҃җ™ C¶P·CrC”C,CHCfC¶ P· PrPµC¶PePөPjPө
PiPµPSC-C‡PөP»C-PSP·PIв҃җ™ C¶P·CrC҃җC‡PөPjPө P±C-P»PeP°PjPө, C‡P°CfC,Ps C‡CrC,P»PөPIC-
CөC,P°PjPө CfC,P°C҃җC,CH PIC҃җP°P·P»PөPIC-CөPөPjPө PrPs PrC-C— PiC҃җPµPiP°C҃җP°C,Cr
P”PµPiP°C‡PµC,, P҃җPsPjP±C-, PSC-P¶ PrPs PrC-C— PsPrPSPsPiPs C‡PµC,,PsPiPµC҃җP°P·PsPSCf.

P҃җPsPjP±C-PSP°C‡C-C¶ CfCrP»CHP±P°PeC,P°PjCr C,P° C‡PµC,,PsPiPµC҃җP°P·PsPSCf C”
P°PeC,PөPIPSPsC҃җ PiC҃җPsC,Pө PICfC-C... PjC-PөC҃җPsPsC҃җPiP°PSC-P·PjC-PI, C‡CrC,P»PөPIPөC...
PrPs C‡PµC,,PsPiPµC҃җP°P·PsPSCf. P҃җC҃җC-Pj C,PsPiPs, CfPiPsCfC,PµC҃җC-PiP°C”C,CHCfC¶
CfPөPSPµC҃җPiC-P·Pj PrC-C— (P·PSPөP¶PµPSPSC¶ PjC-PSC-PjP°P»CHPSPөC...
PePsPSC‡PµPSC,C҃җP°C‡C-PNө PePsPjP±C-PSP°C‡C-C—, C%Ps PiC҃җPөPiPSC-C‡CrC҃җC,CH
PjC-PөC҃җPsPsC҃җPiP°PSC-P·PjPө PiC҃җPөP±P»PөP·PSPs PI 4 C҃җP°P·Pө PiPsC҃җC-PIPSC¶PSPs P·
C,P°PePөPjPө PePsPSC‡PµPSC,C҃җP°C‡C-C¶PjPө PrP»C¶ PePsP¶PSPsPiPs PePsPjPiPsPSPµPSC,P°
PsPeC҃җPµPjPs) PiC҃җPsC,Pө C҃җC-P·PSPөC... PjC-PөC҃җPsPsC҃җPiP°PSC-P·PjC-PI P·

PSP°PN₂P±C-P»CH₃C€ PIPëC₇P°P¶P_μPSPsC₇ PrC-C''C₇ PiC₇PsC,Pë C,P°PePëC...

PjC-PeC₇PsPsC₇PiP°PSC-P·PjC-PI: *Haemophilus influenzae*, PIPëPrPë *Bacteroides*, PIPëPrPë *Staphylococcus*, *Acinetobacter calcoaceticus*, *Enterobacter aerogenes*, *Escherichia coli*, *Proteus mirabilis*, *Klebsiella pneumoniae*, *Morganella morganii*, *Citrobacter freundii*, *Enterobacter cloacae*, *Citrobacter diversus*.

P°P_μPiP°C†P_μC,, P₇PsPjP±C- PiC₇PsC₇PIPIP»C₇C'' P°PeC,PëPIPSC-C₇C,CH₃ *in vitro* C°₀₀PsPrPs C€PëC₇PsPePsPiPs C₇PiP_μPeC,C₇P° PeP»C-PSC-C†PSPs P·PSP°C†C₇C°₀₀PëC...

PjC-PeC₇PsPsC₇PiP°PSC-P·PjC-PI.

P°C₇P°PjPiPsP·PëC,PëPIPSC- PjC-PeC₇PsPsC₇PiP°PSC-P·PjPë:

- *Staphylococcus aureus* (C€C,P°PjPë, C°₀₀Ps PiC₇PsPrC₇PeC₇C₇C,CH₃ P°P±Ps PSP_μ PiC₇PsPrC₇PeC₇C₇C,CH₃ PiP_μPSC-C†PëP»C-PSP°P·C₇);
- *Staphylococcus epidermidis*;
- *Streptococcus pneumoniae* (PiPsPiP_μC₇P_μPrPSC₇ PSP°P·PIP° *Diplococcus pneumonia*P_μ);
- *Streptococcus pyogenes* (P±P_μC,P°-PiP_μPjPsP»C-C,PëC†PSC- C₇C,C₇P_μPiC,PsPePsPePë PiC₇C₇PiPë P₇);
- *Streptococcus agalactiae* (P±P_μC,P°-PiP_μPjPsP»C-C,PëC†PSC- C₇C,C₇P_μPiC,PsPePsPePë PiC₇C₇PiPë P');)
- P±C-P»CH₃C€C-C₇C,CH₃ C-PSC€PëC... C€C,P°PjC-PI P±P_μC,P°-PiP_μPjPsP»C-C,PëC†PSPëC... C₇C,C₇P_μPiC,PsPePsPeC-PI;
- P±P°PiP°C,Ps C€C,P°PjC-PI *Streptococcus faecalis* (P_μPSC,P_μC₇PsPePsPe).

P°C₇P°PjPSP_μPiP°C,PëPIPSC- PjC-PeC₇PsPsC₇PiP°PSC-P·PjPë:

- *Escherichia coli*;
- PIPëPrPë *Klebsiella*;
- PIPëPrPë *Enterobacter*;
- PIPëPrPë *Citrobacter*;
- *Haemophilus influenzae*;
- *Proteus mirabilis*;
- *Proteus vulgaris*;
- *Morganella morganii* (PiPsPiP_μC₇P_μPrPSC₇ PSP°P·PIP° *Proteus morganii*);
- *Providencia rettgeri* (PiPsPiP_μC₇P_μPrPSC₇ PSP°P·PIP° *Proteus rettgeri*);
- PIPëPrPë *Providencia*;
- PIPëPrPë *Serratia* (PIPeP»C₇C†P°C₇C†Pë *S. marcescens*);

- PIPëPrPë *Salmonella* C,P° *Shigella*;
- *Pseudomonas aeruginosa* C,P° PrPµCµPeC- C-PSCëC- PIPëPrPë *Pseudomonas*;
- *Acinetobacter calcoaceticus*;
- *Neisseria gonorrhoeae*;
- *Neisseria meningitidis*;
- *Bordetella pertussis*;
- *Yersinia enterocolitica*.

PµPSP°PµCµPsP±PSC- PjC-PeCµPsPsCµPiP°PSC-P·PjPë:

- PiCµP°PjPSPµPiP°C,PëPIPSC- P±P°C†PëP»Pë (PIPeP»CµC†P°CµC†Pë *Bacteroides fragilis*, C-PSCëC- PIPëPrPë *Bacteroides* C,P° PIPëPrPë B B B B B *Fusobacterium*);
- PiCµP°PjPiPsP·PëC,PëPIPSC- C,P° PiCµP°PjPSPµPiP°C,PëPIPSC- PePsPePë (PIPeP»CµC†P°CµC†Pë PIPëPrPë *Peptococcus*, *Peptostreptococcus* B B B B B B B B C,P° *Veillonella*);
- PiCµP°PjPiPsP·PëC,PëPIPSC- P±P°C†PëP»Pë (PIPeP»CµC†P°CµC†Pë PIPëPrPë *Clostridium*, *Eubacterium* C,P° *Lactobacillus*).

P'Cl'C,P°PSPsPIP»PµPSPs C,P°PePëPNë PrC-P°PiP°P·PsPS C†CrC,P»PëPIPsCl'C,C- PrPs PiCµPµPiP°CµP°C,Cr P"PµPiP°C†PµC,, PµPsPjP±C-.

PµC-PSC-PjP°P»CHµPSC- C-PSPiC-P±CrCµC†C- PePsPSC†PµPSC,CµP°C†C-C— (PµP†Pµ)
(PjPePi/PjP», CµPe PePsPSC†PµPSC,CµP°C†C-C— C†PµC,,PsPiPµCµP°P·PsPSCr):

PŞCrC,P»PëPIC-	≤ 16
PµCµPsPjC-PµPSC-	17Bµ"63
P PµP·PëCl'C,PµPSC,PSC-	≥ 64

P PsP·PjC-CµPë PrPëCl'PeP° P·PsPSPë C†CrC,P»PëPIPsCl'C,C- (PjPj, C,PµCl'C, PµC-CµP±C- Bµ"
P°P°CrPµCµP°):

PŞCrC,P»PëPIC-	≥ 21
PµCµPsPjC-PµPSC-	16Bµ"20
P PµP·PëCl'C,PµPSC,PSC-	≤ 15

P"P»Cµ PIPëP·PSP°C†PµPSPSCµ PµP†Pµ PjPsPµPSP° P·P°Cl'C,PSCrPsPICrPIP°C,Pë
Cl'PµCµC-PNëPSC- CµPsP·PIPµPrPµPSPSCµ PiCµPµPiP°CµP°C,Cr P"PµPiP°C†PµC,, PµPsPjP±C-
P·P° PrPsPiPsPjPsPiPsCµ PjPµC,PSPrCr CµPsP·PIPµPrPµPSPSCµ PI P°PiP°CµC- P°P±Ps
P±CrP»CHµPNëPsPSC-. P PµPePsPjPµPSPrPsPIP°PSPs P·P°Cl'C,PSCrCrPIP°PSPSCµ C,PµCl'C,Cr

C†C†C,P»PëPIPsC†C,C- PrPëC†PeP°, C%Ps PjC-C†C,PëC,CH 30 PjPePi
C†C†P»CHP±P°PeC,P°PjC† C,P° 75 PjPePi C†PµC,,PsPµPµC†P°P·PsPSC†.
P>P°P±PsC†P°C,PsC†PSP° PIC-PrPµPsPIC-PrCH B«C†C†C,P»PëPIPëPNëB» PsP·PSP°C†P°C”, C%Ps
C,PµC†P°PµC-C† PµC†PµPµP°C†P°C,PsPj P“PµPµP°C†PµC,, PµPsPjP±C-, C-PjPsPIC-C†PSPs,
P±C†PrPµ PµC,,PµPeC,PëPIPSPs PIPµP»PëPIP°C,Pë PSP° PjC-PeC†PµPsPsC†PµP°PSC-P·Pj-
P·P±C†PrPSPëPe C-PSC,,PµPeC†C-C—, P° PIC-PrPµPsPIC-PrCH
B«C†PµP·PëC†C,PµPSC,PSPëPNëB» PsP·PSP°C†P°C”, C%Ps C,P°PePëPNë PµC,,PµPeC,PëPIPSPëPNë
PIPµP»PëPI C” PjP°P»PsPNëPjPsPIC-C†PSPëPj. P’C-PrPµPsPIC-PrCH B«PµC†PµPjC-PµPSPëPNëB»
PsP·PSP°C†P°C”, C%Ps PjC-PeC†PµPsPsC†PµP°PSC-P·Pj PjPsPµPµ P±C†C,Pë C†C†C,P»PëPIPëPj PrPs
PµC†PµPµP°C†P°C,C† P“PµPµP°C†PµC,, PµPsPjP±C- PµC†PµPë P·P°C†C,PsC†C†PµP°PSPSC-
PsC†C,P°PSPSCHPsPiPs C† PIPëC%PëC... PrPsP·P°C... P°P±Ps C†PµC%Ps C-PSC,,PµPeC†C-C†
C†PµP·PIPëPSC†P»P°C†CH C† C,PëC... C,PëP°PSPëPSP°C... C†Pë C†C-PrPëPSP°C...
PsC†PµP°PSC-P·PjC†, PrPµ PrPsC†C†PµP°C†C,CHC†C† PIPëC†PsPeC-
PePsPSC†PµPSC,C†P°C†C-C— P°PSC,PëP±C-PsC,PëPeP°.

P PµPePsPjPµPSPPrPsPIP°PSC- P»C-PjC-C,Pë PePsPSC,C†PµP»CH C†PePsC†C,C- PrP»C†
PrPëC†PeC-PI C†C†C,P»PëPIPsC†C,C- PrPs
C†C†P»CHP±P°PeC,P°PjC†/C†PµC,,PsPµPµC†P°P·PsPSC† 30 PjPePi/75 PjPePi:

PµPsPSC,C†PµP»CHPSPëPNë C†C,P°Pj	P PsP·PjC-C† P·PsPSPë (PjPj)
P’PëPrPë <i>Acinetobacter</i> ATCC 43498	26БҢ“32
<i>Pseudomonas aeruginosa</i> ATCC 27853	22БҢ“28
<i>Escherichia coli</i> ATCC 25922	27БҢ“33
<i>Staphylococcus aureus</i> ATCC 25923	23БҢ“30

P»P°C†PjP°PePsPeC-PSPµC,PëPeP°.

P PsP·PµPsPrC-P».

PµPµC†PµPrPSC- P·PSP°C†PµPSPSC† PjP°PeC†PëPjP°P»CHPSPëC...
PePsPSC†PµPSC,C†P°C†C-PNë C†C†P»CHP±P°PeC,P°PjC† C,P° C†PµC,,PsPµPµC†P°P·PsPSC†
PµC-C†P»C† PIPSC†C,C†C-C†PSCHPsPiPµPSPSPsPiPs PIPµPµPrPµPSPSC† PµC†PµC,C†PµPsPj
5 C...PIPëP»PëPS C†P°P·PsPiPsC— PrPsP·Pë 2 Pi (C† C†PµC-PIPIC-PrPSPsC†PµPSPSC- 1 : 1)
PµC†PµPµP°C†P°C,C† P“PµPµP°C†PµC,, PµPsPjP±C- (1 Pi C†C†P»CHP±P°PeC,P°PjC† 1 Pi
C†PµC,,PsPµPµC†P°P·PsPSC†) C† P·PrPsC†PµPsPIPëC... PrPsP±C†PµPsPiPsP»CHC†C-PI
C†C,P°PSPsPiPëP»Pë 130 C,P° 236,8 PjPePi/PjP» PIC-PrPµPsPIC-PrPSPs. PµPµ C†PIC-PrC†PëC,CH
PµC†Pµ P±C-P»CHC†PëPNë PsP±BҢ™ C”Pj C†PµP·PµPsPrC-P»C† C†C†P»CHP±P°PeC,P°PjC†
(Vd = 18,0БҢ“27,6 P») PµC†C-PIPSC†PSPs P· C†PµP·PµPsPrC-P»PsPj
C†PµC,,PsPµPµC†P°P·PsPSC† (Vd = 10,2БҢ“11,3 P»).

PµPµC†PµPrPSC- P·PSP°C†PµPSPSC† PjP°PeC†PëPjP°P»CHPSPëC...
PePsPSC†PµPSC,C†P°C†C-PNë C†C†P»CHP±P°PeC,P°PjC† C,P° C†PµC,,PsPµPµC†P°P·PsPSC†
PµC-C†P»C† PIPSC†C,C†C-C†PSCHPsPiPµPSPSPsPiPs PIPµPµPrPµPSPSC† PµC†PµC,C†PµPsPj
15 C...PIPëP»PëPS C†P°P·PsPiPsC— PrPsP·Pë 4,5 Pi (C† C†PµC-PIPIC-PrPSPsC†PµPSPSC- 1 : 2)
PµC†PµPµP°C†P°C,C† P“PµPµP°C†PµC,, PµPsPjP±C- (1,5 Pi C†C†P»CHP±P°PeC,P°PjC† 3 Pi
C†PµC,,PsPµPµC†P°P·PsPSC†) C† P·PrPsC†PµPsPIPëC... PrPsP±C†PµPsPiPsP»CHC†C-PI
C†C,P°PSPsPiPëP»Pë 88,3 PjPePi/PjP» C,P° 416,1 PjPePi/PjP» PIC-PrPµPsPIC-PrPSPs.

PµP°PeC†PëPjP°P»CHPSC- PePsPSC†PµPSC,C†P°C†C-C— C†C†P»CHP±P°PeC,P°PjC† C,P°
C†PµC,,PsPµPµC†P°P·PsPSC† C† C†PëC†PµPiP°C,C†C- PeC†PµPIC- PµC-C†P»C† PµPµC†PµC†PµPsPiPs

PIPSCrC,CTHC-C€PSCHPsPjBTM CII·PsPIPsPiPs PIPIPμPrPμPSPSCII 1,5 Pi PīCTHPμPīP°CTHP°C,Cr P°PμPīP°CTPμC,, PλPsPjP±C- (0,5 Pi CīCfP»CHP±P°PeC,P°PjCr 1 Pi C†PμC,,PsPīPμCTHP°P·PsPSCr) Cr P·PrPsCTHPsPIPēC... PrPsP±CTHPsPIPsP»CHC†C-PI CīC,P°PSPsPIPēP»P° 11 PjPePi/PjP» C,P° 45,3 PjPePi/PjP» C- 29,9 PjPePi/PjP» C,P° 58,4 PjPePi/PjP» PIC-PrPīPsPIC-PrPSPs PīC-CīP»CII PIPIPμPrPμPSPSCII CīCHPsPjPsC- PrPsP·Pē PīCTHPē P·P°CīC,PscīCfPīP°PSPSC- PīCTHPμPīP°CTHP°C,Cr PePsP¶PSC- 12 PiPsPrPēPS.

P'PēPIPμPrPμPSPSCII.

PμCTHPē P·P°CīC,PscīCfPīP°PSPSC- PīCTHPμPīP°CTHP°C,Cr P°PμPīP°CTPμC,, PλPsPjP±C- PīCTHPēP±P»PēP·PSPs 84 % PrPsP·Pē CīCfP»CHP±P°PeC,P°PjCr C,P° 25 % PrPsP·Pē C†PμC,,PsPīPμCTHP°P·PsPSCr PIPēPIPsPrPēC,CHCīCII PSPēCTHPeP°PjPē. P°C-P»CHC€C-CīC,CH PrPsP·Pē C†PμC,,PsPīPμCTHP°P·PsPSCr, C%Ps P·P°P»PēC€PēP»P°CīCH, PIPēPIPsPrPēC,CHCīCII P·P¶PsPIC†CH. PμC-CīP»CII PIPIPμPrPμPSPSCII PīCTHPμPīP°CTHP°C,Cr P°PμPīP°CTPμC,, PλPsPjP±C- CīPμCTHPμPrPSC-PNē PīPμCTHC-PsPr PSP°PīC-PIPIPēPIPμPrPμPSPSCII CīCfP»CHP±P°PeC,P°PjCr CīC,P°PSPsPIPēC,CH PīCTHPēP±P»PēP·PSPs 1 PiPsPrPēPSCr, P° C†PμC,,PsPīPμCTHP°P·PsPSCr BTM 1,7 PiPsPrPēPSPē. PλPsPSC†PμPSC,CTHP°CTC-C- Cr PīP»P°P·PjC- PeCTHPsPIC- PīCTHPsPīPsCTHC†C-PNēPSC- PrPs PIPIPμPrPμPSPsC- PrPsP·Pē. PjC- PrP°PSC- PIC-PrPīPsPIC-PrP°CTHC,CH CTHP°PSC-C€Pμ PsPīCfP±P»C-PePsPIP°PSPēPj CTHPμP·CrP»CHC,P°C,P°Pj C,,P°CTHPjP°PePsPeC-PSPμC,PēC†PSPsPiPs PrPsCīP»C-PrP¶PμPSPSCII C†PēC... PePsPjPīPsPSPμPSC,C-PI PīCTHPē C-C... PsPeCTHPμPjPsPjCr P·P°CīC,PscīCfPīP°PSPSC-.

PμC-CīP»CII PIPSCrC,CTHC-C€PSCHPsPjBTM CII·PsPIPsPiPs PIPIPμPrPμPSPSCII 1,5 Pi PīCTHPμPīP°CTHP°C,Cr P°PμPīP°CTPμC,, PλPsPjP±C- (0,5 Pi CīCfP»CHP±P°PeC,P°PjCr C- 1 Pi C†PμC,,PsPīPμCTHP°P·PsPSCr) PjP°PeCīPēPjP°P»CHPSC- PePsPSC†PμPSC,CTHP°CTC-C- CīCfP»CHP±P°PeC,P°PjCr C- C†PμC,,PsPīPμCTHP°P·PsPSCr Cr PīP»P°P·PjC- PeCTHPsPIC- PrPsCīCII PīP°P»PēCīCII Cr PīPμCTHC-PsPr C†P°CīCf PIC-Pr 15 C...PIPēP»PēPS PrPs 2 PiPsPrPēPS PīC-CīP»CII PIPIPμPrPμPSPSCII PīCTHPμPīP°CTHP°C,Cr. PŸPμCTHPμPrPSC- P·PSP°C†PμPSPSCII PjP°PeCīPēPjP°P»CHPSPēC... PePsPSC†PμPSC,CTHP°CTC-PNē Cr PīP»P°P·PjC- PeCTHPsPIC- CīC,P°PSPsPIPēP»Pē 19 C- 64,2 PjPePi/PjP» PrP»CII CīCfP»CHP±P°PeC,P°PjCr C,P° C†PμC,,PsPīPμCTHP°P·PsPSCr PIC-PrPīPsPIC-PrPSPs.

PμC-CīP»CII P±P°PīP°C,PscCTHP°P·PsPIPsPiPs PIPIPμPrPμPSPSCII PīCTHPμPīP°CTHP°C,Cr PSPμ PīPsPIC-PrPsPjP»CII P»PscīCII PīCTHPs P±CfPrCHC-CII PeC- CīCfC,C,C"PIC- P·PjC-PSPē Cr C,,P°CTHPjP°PePsPeC-PSPμC,PēC†C- PePsPjPīPsPSPμPSC,C-PI PīCTHPμPīP°CTHP°C,Cr P°PμPīP°CTPμC,, PλPsPjP±C- C,P° PSPμ CīPīPsCīC,PμCTHC-PīP°P»P°CīCII C-C... PeCfPjCrP»CII C†C-CII PīCTHPē P·P°CīC,PscīCfPīP°PSPSC- C†PμCTHPμP· PePsP¶PSC- 8BTM 12 PiPsPrPēPS.

PμP°CTC-C" PSC,Pē P· PīPsCTHCfC€PμPSPSCII PjPē C,,CfPSPeC†C-C- PīPμC†C-PSPePē.

P°PēPI. CTHPsP·PrC-P» B«PhCīPsP±P»PēPIPsCīC,C- P·P°CīC,PscīCfPīP°PSPSCII B».

PμP°CTC-C" PSC,Pē P· PīPsCTHCfC€PμPSPSCII PjPē C,,CfPSPeC†C-C- PSPēCTHPsPe.

Pj PīP°CTC-C" PSC,C-PI P· PīPsCTHCfC€PμPSPSCII Pj C,,CfPSPeC†C-C- PSPēCTHPsPe CTHC-P·PSPsPiPs CīC,CfPīPμPSCII C,CII P¶PePsCīC,C-, CII PePēPj PIPIPsPrPēP»Pē P°PμPīP°CTPμC,, PλPsPjP±C-, P·P°PīP°P»CHPSPēPNē PeP»C-CTHPμPSCī CīCfP»CHP±P°PeC,P°PjCr PI PsCTHPiP°PSC-P·PjC- P·PSP°C†PSPsCTH PjC-CTHPsCTH PePsCTHPμP»CTHIP°PI P· PIPēP·PSP°C†PμPSPēPj PeP»C-CTHPμPSCīPsPj PeCTHPμP°C,PēPSC-PSCr. Pj PīP°CTC-C" PSC,C-PI P· PSPμC,,CfPSPeC†C-PsPSCrCTHC†PsCTH PSPēCTHPePsCTH PīPμCTHC-PsPr PSP°PīC-PIPIPēPIPμPrPμPSPSCII CīCfP»CHP±P°PeC,P°PjCr P±CfPI P·PSP°C†PSPs PrPsPIC€PēPj

(Cf CfPμCḡPμPrPSCḡPsPjCf 6,9 C- 9,7 PiPsPrPēPSPē P·P° PrP°PSPēPjPē CḡC-P·PSPēC... PrPsCfP»C-PrP¶PμPSCḡ). P—P°CfC,PsCfCfPIP°PSPSCḡ PiPμPjPsPrC-P°P»C-P·Cf P·PSP°C‡PSPs P·PjC-PSCḡC” PiPμCḡC-PsPr PSP°PiC-PIPIPēPIPμPrPμPSPSCḡ, P·P°PiP°P»CḡPSPēPNē PeP»C-CḡPμPSCf PsCḡPiP°PSC-P·PjCf C,P° PsP±Bḡ™C”Pj CḡPsP·PiPsPrC-P»Cf CfCfP»CḡP±P°PeC,P°PjCf. PkPμ CfPiPsCfC,PμCḡC-PiP°P»PsCfCḡ P·PSP°C‡CfC%oPēC... PIC-PrPjC-PSPSPsCfC,PμPNē Cf C,,P°CḡPjP°PePsPeC-PSPμC,PēC†C- C†PμC,,PsPiPμCḡP°P·PsPSCf Cf PiP°C†C-C”PSC,C-PI P· PSPēCḡPePsPiPsCḡ PSPμPrPsCfC,P°C,PSC-CfC,Cḡ.

PμP°C†C-C”PSC,Pē P»C-C,PSCḡPsPiPs PIC-PeCf.

PαP°CḡPjP°PePsPeC-PSPμC,PēPeCf PiCḡPμPiP°CḡP°C,Cf P“PμPiP°C†PμC,, PḡPsPjP±C- PIPēPIC†P°P»Pē Cf PiP°C†C-C”PSC,C-PI P»C-C,PSCḡPsPiPs PIC-PeCf P· PiPsCḡCfCēPμPSPSCḡPj C,,CfPSPeC†C-C— PSPēCḡPsPe C,P° PiPsCḡCfCēPμPSPSCḡPj C,,CfPSPeC†C-C— PiPμC‡C-PSPePē. PhP±PēPrPIP° PePsPjPiPsPSPμPSC,Pē PiCḡPμPiP°CḡP°C,Cf, CfCfP»CḡP±P°PeC,P°Pj C- C†PμC,,PsPiPμCḡP°P·PsPS, PjP°P»Pē PrPsPICēPēPNē PiPμCḡC-PsPr PSP°PiC-PIPIPēPIPμPrPμPSPSCḡ, PSPēP¶C‡PēPNē PeP»C-CḡPμPSCf C,P° P±C-P»CḡCēPēPNē PsP±Bḡ™C”Pj CḡPsP·PiPsPrC-P»Cf PiPsCḡC-PIPSCḡPSPs P· PIC-PrPiPsPIC-PrPSPēPjPē PiPsPeP°P·PSPēPeP°PjPē Cf P·PrPsCḡPsPIPēC... PrPsP±CḡPsPiPsP»CḡC†C-PI. PαP°CḡPjP°PePsPeC-PSPμC,PēC‡PSC- PrP°PSC- PrP»Cḡ CfCfP»CḡP±P°PeC,P°PjCf PrPsP±CḡPμ PePsCḡPμP»CḡCḡC,Cḡ P·C- CfC,CfPiPμPSPμPj PiPsCḡCfCēPμPSPSCḡ C,,CfPSPeC†C-C— PSPēCḡPsPe, C,PsPrC- CḡPe PrP°PSC- PrP»Cḡ C†PμC,,PsPiPμCḡP°P·PsPSCf PrPsP±CḡPμ PePsCḡPμP»CḡCḡC,Cḡ P·C- CfC,CfPiPμPSPμPj PiPsCḡCfCēPμPSPSCḡ C,,CfPSPeC†C-C— PiPμC‡C-PSPePē.

P”C-C,Pē.

P”PsCfP»C-PrP¶PμPSPSCḡ, C%oPs PiCḡPsPiPsPrPēP»Pē P· CfC‡P°CfC,Cḡ PrC-C,PμPNē, PiCḡPsPrPμPjPsPSCfC,CḡCfPIP°P»Pē PIC-PrCfCfC,PSC-CfC,Cḡ P±CfPrCḡ-CḡPePēC... C-CfC,PsC,PSPēC... P·PjC-PS Cf C,,P°CḡPjP°PePsPeC-PSPμC,PēC†C- PePsPjPiPsPSPμPSC,C-PI PiCḡPμPiP°CḡP°C,Cf P“PμPiP°C†PμC,, PḡPsPjP±C- PiPsCḡC-PIPSCḡPSPs P· PrP°PSPēPjPē PrP»Cḡ PrPsCḡPsCfP»PēC... PiP°C†C-C”PSC,C-PI. Pj PrC-C,PμPNē CfPμCḡPμPrPSC-PNē PiPμCḡC-PsPr PSP°PiC-PIPIPēPIPμPrPμPSPSCḡ CfCfP»CḡP±P°PeC,P°PjCf PePsP»PēPIP°PICfCḡ PIC-Pr 0,91 PrPs 1,42 PiPsPrPēPSPē, P° C†PμC,,PsPiPμCḡP°P·PsPSCf Bḡ” PIC-Pr 1,44 PrPs 1,88 PiPsPrPēPSPē.

PŸCfP»CḡP±P°PeC,P°Pj C,P° C†PμC,,PsPiPμCḡP°P·PsPS PrPsP±CḡPμ CḡPsP·PiPsPrC-P»CḡCḡC,CḡCfCḡ Cf CḡC-P·PSPēC... C,PeP°PSPēPSP°C... C,P° CḡC-PrPēPSP°C... PsCḡPiP°PSC-P·PjCf, PIPeP»CḡC‡P°CḡC‡Pē P¶PsPIC‡, P¶PsPIC‡PSPēPNē PjC-C...CfCḡ, CēPeC-CḡCf, P°PiPμPSPPrPēPeCf, C,,P°P»P»PsPiC-C”PIC- C,CḡCfP±Pē, CḡC”C‡PSPēPePē, PjP°C,PeCf C,P° C-PS.

PkPμPjP°C” PrPsPeP°P·C-PI P±CfPrCḡ-CḡPePsC— C,,P°CḡPjP°PePsPeC-PSPμC,PēC‡PSPsC— PIP·P°C”PjPsPrC-C— PjC-P¶ CfCfP»CḡP±P°PeC,P°PjPsPj C- C†PμC,,PsPiPμCḡP°P·PsPSPsPj PiCḡPē C—C... CfCfPjC-CfPSPsPjCf P·P°CfC,PsCfCfPIP°PSPSC- Cf C,,PsCḡPjC- PiCḡPμPiP°CḡP°C,Cf P“PμPiP°C†PμC,, PḡPsPjP±C-.

PiPμC,,PsPiPμCḡP°P·PsPS PSPμ P·P°PjC-C%oP°C” P±C-P»C-CḡCfP±C-PS Cf PjC-CfC†CḡC... P·PiBḡ™CḡP·CfPIP°PSPSCḡ P· PiCḡPsC,PμC—PSP°PjPē PiP»P°P·PjPē PeCḡPsPIC-.

*P*ℓ*P*s*P*j*P*±*C*-*P*S*P*s*P*i*P*°*P*S*P*° *C*,*P*μ*C*ℓ*P*°*P*ï*C*-*C*ℓ. *P*—*P*i*P*°*P*ℓ°*C*ℓ*C*±*P*ë *P*S° *C*ℓ*P*ë*C*ℓ*P*s*P*e*P*ë*P*Në
*C*ℓ*P*i*P*μ*P*e*C*,*C*ℓ *P*°*P*e*C*,*P*ë*P*i*P*S*P*s*C*ℓ°*C*,*C*- *C*ℓ°*C*r*P*»*C*ℓ*P*±*P*°*P*e*C*,*P*°*P*j*C*r/*C*†*P*μ*C*„*P*s*P*i*P*μ*C*ℓ*P*°*P*·*P*s*P*S*C*r,
*P*r*P*»*C*ℓ *P*°*P*r*P*μ*P*e*P*i*P*°*C*,*P*S*P*s*P*i*P*s *P*»*C*-*P*e*C*r*P*i°*P*S*P*S*C*ℓ *P*±*C*-*P*»*C*ℓ*C*ℓ*P*s*C*ℓ°*C*,*C*-
C-*P*S*C*„*P*μ*P*e*C*†*C*-*P*Në *P*j*P*s*P*ℓ*P*S° *P*·*P*°*C*ℓ°*C*,*P*s*C*ℓ°*P*s*P*i*C*r*P*i°*C*,*P*ë *P*°*P*μ*P*i°*C*†*P*μ*C*„ *P*ℓ*P*s*P*j*P*±*C*- *C*ℓ*P*e
*P*j*P*s*P*S*P*s*C*,*P*μ*C*ℓ*P*°*P*ï*C*-*C*ℓ. *P*ℓ*P*r*P*S*P*°*P*e *P*·*P*° *P*i*P*μ*P*i*P*S*P*ë*C*... *P*i*P*s*P*e*P*°*P*·*P*°*P*S*C*ℓ *P*°*P*μ*P*i°*C*†*P*μ*C*„
*P*ℓ*P*s*P*j*P*±*C*- *P*j*P*s*P*ℓ*P*S° *P*·*P*°*C*ℓ°*C*,*P*s*C*ℓ°*P*s*P*i*C*r*P*i°*C*,*P*ë *C*ℓ*P*°*P*·*P*s*P*j *P*· *C*-*P*S*C*ℓ*P*ë*P*j*P*ë
P°*P*S*C*,*P*ë*P*±*C*-*P*s*C*,*P*ë*P*e°*P*j*P*ë. *P*μ*C*ℓ*P*ë *P*s*P*r*P*S*P*s*C*±*P*°*C*ℓ°*P*S*P*s*P*j*C*r *P*·*P*°*C*ℓ°*C*,*P*s*C*ℓ°*C*r*P*i°*P*S*P*S*C*-
P°*P*j*C*-*P*S*P*s*P*i*P*»*C*-*P*e*P*s*P*·*P*ë*P*r*C*-*P*i *P*S*P*μ*P*s*P*±*C*...*C*-*P*r*P*S*P*s *P*e*P*s*P*S*C*,*C*ℓ*P*s*P*»*C*ℓ*P*i°*C*,*P*ë
C„*C*r*P*S*P*e*C*†*C*-*C*— *P*S*P*ë*C*ℓ*P*s*P*e *P*i*C*ℓ*P*s*C*,*C*ℓ*P*i*P*s*P*j *C*r*C*ℓ°*C*ℓ*P*s*P*i*P*s *P*e*C*r*C*ℓ°*C*ℓ°*C* *C*,*P*μ*C*ℓ*P*°*P*ï*C*-*C*—
(*P*r*P*ë*P*i. *C*ℓ*P*s*P*·*P*r*C*-*P*»*P*ë *B*«*P*ÿ*P*i*P*s*C*ℓ°*C*-*P*± *P*·*P*°*C*ℓ°*C*,*P*s*C*ℓ°*C*r*P*i°*P*S*P*S*C*ℓ *C*,*P*° *P*r*P*s*P*·*P*ë*B*» *C*-

$$\text{P}_{\text{H}}\text{C}\ddot{\text{T}}\text{P}\ddot{\text{e}} \quad \text{C}\ddot{\text{T}}\text{Ps}\cdot\text{PI}\ddot{\text{P}}\ddot{\text{e}}\text{C}, \text{PeCr}^+ \text{ P}^\circ\text{P} \gg \text{P}_{\mu}\text{C}\ddot{\text{T}}\text{PiC}-\text{C}\ddagger\text{PSP}\ddot{\text{e}}\text{C}... \quad \text{C}\ddot{\text{T}}\text{P}_{\mu}\text{P}^\circ\text{PeC}\dagger\text{C}-\text{PN}_0$$

P·P°CfC,PsCfCfPIP°PSPSCf PïCfPµPïP°CfP°C,Cf CfP»C-Pr PïCfPëPïPëPSPëC,Pë C,P°
PïCfPëP·PSP°C±PëC,Pë PIC-PrPïPsPIC-PrPSPµ P»C-PeCfPIP°PSPSCf. PÿCfP¶PeC-
P°PSP°C,,C-P»P°PeC,PëC±PSC- CfPµP°PeC†C-C- PïPsC,CfPµP±CfCfC,Ch PSPµPïP°PM°PSPsPiPs
P·P°CfC,PsCfCfPIP°PSPSCf PµPïC-PSPµC,,CfPëPSCf. P—P° PïPsC,CfPµP±Pë CfP»C-Pr
PïCfPSPPIPµCfC,Pë PsPeCfPëPïPµPSPsC,PµCfP°PïC-Cf, P·P°CfC,PsCfCfPIP°C,Pë
PIPSCfC,CfC-CëPSCfPsPIPµPSPSPs CfC,PµCfPSC—PrPSC- PïCfPµPïP°CfP°C,Pë,
P·P°P±PµP·PïPµC±PëC,Pë PïCfPSC...C-PrPSC-CfC,Ch PrPëC...P°P»CHPSPëC... CëP»CfC...C-PI,
PIPeP»CfC±P°CfC±Pë C-PSC,CfP±P°C†C-Cf (PrPëPI. CfPSP·PrC-P» B«PµPsP±C-C±PSC-
CfPµP°PeC†C-C-B»).

PµPsPIC-PrPsPjP»CfP»PsCfCf PïCfPSP PIPëPïP°PrPePë CfPSP·PIPëC,PeCf CëPeC-CfPSPëC...
CfPµP°PeC†C-PM° C,CfP¶PePsPiPs CfC,CfPïPµPSCf, C-PSPePsP»Pë P· P»PµC,P°P»CHPSPëPj
PSP°CfP»C-PrPePsPj, C,P°PePëC... CfPe C,PsPeCfPëC±PSPëPM° PµPïC-PrPµCfPjP°P»CHPSPëPM°
PSPµPeCfPSP»C-P·, CfPëPSPrCfPSPj PÿC,C-PIPµPSCfP°Bf“P”P¶PsPSCfPsPSP° C,P°
PµPeCfC,,PsP»C-P°C,PëPIPSPëPM° PrPµCfPjP°C,PëC,, Cf PïP°C†C-C”PSC,C-PI, CfPeC-
P·P°CfC,PsCfPsPICfPIP°P»Pë CfCfP»CHP±P°PeC,P°Pj/C†PµC,,PsPïPµCfP°P·PsPS. Pj CfP°P·C-
PIPëPSPëPePSPµPSPSCf CëPeC-CfPSPsC— CfPµP°PeC†C-C— C,CfP¶PePsPiPs
CfC,CfPïPµPSCf C,PµCfP°PïC-Cf CfCfP»CHP±P°PeC,P°PjPsPj/C†PµC,,PsPïPµCfP°P·PsPSPj
CfP»C-Pr PïCfPëPïPëPSPëC,Pë C,P° CfPSP·PïPsC±P°C,Pë PIC-PrPïPsPIC-PrPSPµ
P»C-PeCfPIP°PSPSCf (PrPëPI. CfPSP·PrC-P» B«PµPsP±C-C±PSC- CfPµP°PeC†C-C-B»).

P—P°CfC,PsCfCfPIP°PSPSCf PïCfPë PïPsCfCfCëPµPSPSCfC... C,,CfPSPeC†C-C—
PïPµC±C-PSPePë. PïPµC,,PsPïPµCfP°P·PsPS P·PSP°C±PSPsCf PjC-CfPSCf
PIPëPrC-P»CfC”C,ChCfCf P· P¶PsPIC±Cf. Pj PïP°C†C-C”PSC,C-PI C-P·
P·P°C...PIPsCfCfPIP°PSPSCfPjPë PïPµC±C-PSPePë C,P°/P°P±Ps PsP±CfC,CfCfPeC†C-C”Cf
P¶PsPIC±PsPIPëPIC-PrPSPëC... CëP»CfC...C-PI PïPµCfC-PsPr PSP°PïC-PIPIPëPIPµPrPµPSPSCf
C†PµC,,PsPïPµCfP°P·PsPSCf C-P· CfPëCfPSPIP°C,PePë PeCfPSPIC-, CfPe PïCfP°PIPëP»Ps,
PïPsPrPsPIP¶CfC”C,ChCfCf, P° PIPëPIPµPrPµPSPSCf C-P· CfPµC±PµCf
PïPsCfPëP»CfC”C,ChCfCf. PkP°PIC-C,Ch PïCfPë C,CfP¶PePëC... PïPsCfCfCëPµPSPSCfC...
C,,CfPSPeC†C-C— PïPµC±C-PSPePë PI P¶PsPIC±C- CfPïPsCfC,PµCfC-PiP°CfC,ChCfCf
C,PµCfP°PïPµPIC,PëC±PSC- PePsPSC†PµPSC,CfP°C†C-C— C†PµC,,PsPïPµCfP°P·PsPSCf C-
CfPïPsCfC,PµCfC-PiP°C”C,ChCfCf P»PëCëPµ PïPsPrPsPIP¶PµPSPSCf PïPµCfC-PsPrCf
PSP°PïC-PIPIPëPIPµPrPµPSPSCf Cf 2Bf“4 CfP°P·Pë.

PµPsCfPëPïCfPIP°PSPSCf PrPsP·Pë PjPsP¶Pµ P±CfC,Pë PSPµPsP±C...C-PrPSPëPj Cf CfP°P·C-
C,CfP¶PePsC— PsP±CfC,CfCfPeC†C-C— P¶PsPIC±PsPIPëPIC-PrPSPëC... CëP»CfC...C-PI,
C,CfP¶PePëC... P·P°C...PIPsCfCfPIP°PSCf PïPµC±C-PSPePë P°P±Ps Cf CfP°P·C-
PïPsCfCfCëPµPSCf C,,CfPSPeC†C-C— PSPëCfPSPe, C%Ps PïPsPIBf™ CfP·P°PSC- P·
P±CfPrCf-CfPePëPj C-P· C,P°PePëC... CfC,P°PSC-PI.

Pj PïP°C†C-C”PSC,C-PI C-P· PïPsCfCfCëPµPSPSCfPjPë C,,CfPSPeC†C-C— PïPµC±C-PSPePë C,P°
CfCfPïCfC,PSC-Pj PïPsCfCfCëPµPSPSCfPj C,,CfPSPeC†C-C— PSPëCfPSPe PïPsC,CfC-P±PSPs
PePsPSC,CfPSP»CfPIP°C,Pë PePsPSC†PµPSC,CfP°C†C-Cf C†PµC,,PsPïPµCfP°P·PsPSCf Cf
CfPëCfPSPIP°C,C†C- PeCfPSPIC- C,P° Cf CfP°P·C- PSPµPsP±C...C-PrPSPsCfC,C-
PePsCfPëPïCfPIP°C,Pë PrPsP·CfPIP°PSPSCf. Pj C,P°PePëC... PIPëPïP°PrPeP°C... P±PµP·
CfPµC,PµP»CHPSPsPiPs PePsPSC,CfPSP»Cf PePsPSC†PµPSC,CfP°C†C-PM° Cf
CfPëCfPSPIP°C,C†C- PeCfPSPIC- PrPsP·P° C†PµC,,PsPïPµCfP°P·PsPSCf PSPµ PïPsPIPëPSPSP°
PïPµCfPµPIPëC%CfPIP°C,Pë 2 Pi/PrPsP±Cf.

P—P°PiP°P»CHPSC- PïPsPïPµCfPµPrP¶PµPSPSCf. PµPsPIC-PrPsPjP»CfP»PsCfCf PïCfPSP
PIPëPïP°PrPePë CfPµCfPµPM°PsP·PSPëC... PeCfPSPiPsPIPëP»PëPIC-PI, PIPeP»CfC±P°CfC±Pë
PIPëPïP°PrPePë P· P»PµC,P°P»CHPSPëPj PSP°CfP»C-PrPePsPj, PïCfPë

P·P°CÍC,PsCÍCfPIP°PSPSC- C†PμC,,PsPíPμCḡP°P·PsPSCÍ/CÍCfP»CHP±P°PeC,P°PjCf. PíPe C-
PíCḡPë P·P°CÍC,PsCÍCfPIP°PSPSC- C-PSC€PëC... P°PSC,PëP±C-PsC,PëPeC-PI, CÍ
PíP°C†C-C”PSC,C-PI, CÍPeC- PsC,CḡPëPjCfPIP°P»Pë
CÍCfP»CHP±P°PeC,P°Pj/C†PμC,,PsPíPμCḡP°P·PsPS, CÍPíPsCÍC,PμCḡC-PiP°PICÍCÍ
PrPμC,,C-C†PëC, PIC-C,P°PjC-PSCÍ Pḡ, C°Ps CÍPíCḡPëC†PëPSCÍP»Ps
PePsP°PiCfP»PsPíP°C,C-Cḡ. PḡPμC...P°PSC-P·Pj C†CHPsPiPs CÍPIPëC°P°, C-PjPsPIC-CḡPSPs,
PíPsPIBḡ™ CÍP·P°PSPëPḡ C-P· PíCḡPëPiPSC-C†PμPSPSCÍPj PePëC€PePsPIPsC—
P±P°PeC,PμCḡC-P°P»CHPSPsC— C,,P»PsCḡPë, C°Ps PI PSPsCḡPjC- CÍPëPSC,PμP·CfC” C†PμPḡ
PIC-C,P°PjC-PS. P”Ps PiCḡCfPíPë CḡPëP·PëPeCf PSP°P»PμP¶P°C,CH PíP°C†C-C”PSC,Pë P·
PsP±PjPμP¶PμPSPëPj C...P°CḡC†CfPIP°PSPSCÍPj, PjP°P»CHP°P±CÍPsCḡP±C†C-C”Cḡ C,P°
PíP°C†C-C”PSC,Pë, CÍPeC- C,CḡPëPIP°P»PëPḡ C†P°CÍ PíPμCḡPμP±CfPIP°CḡC,CH PSP°
PíP°CḡPμPSC,PμCḡP°P»CHPSPsPjCf (PIPSCÍC,CḡC-C€PSCḡPsPIPμPSPSPsPjCf)
C...P°CḡC†CfPIP°PSPSC-. Pj C,P°PePëC... PíP°C†C-C”PSC,C-PI C,P° PíP°C†C-C”PSC,C-PI, CÍPeC-
PíCḡPëPḡPjP°CḡC,CH PíPμCḡPsCḡP°P»CHPSC- P°PSC,PëPePsP°PiCfP»CÍPSC,Pë, CÍP»C-Pr
PePsPSC,CḡPsP»CḡPIP°C,Pë PíCḡPsC,CḡPsPjP±C-PSPsPIPëPḡ C†P°CÍ (P°P±Ps
PjC-P¶PSP°CḡPsPrPSPμ PSPsCḡPjP°P»C-P·PsPIP°PSPμ CÍPíC-PIPIC-PrPSPsC€PμPSPSCÍ)
PrP»CÍ PI PëCÍPIP»PμPSPSCÍ PsP·PSP°Pe PeCḡPsPIPsC,PμC†C-,
C,CḡPsPjP±PsC†PëC,PsPíPμPSC-C— C,P° PiC-PíPsPíCḡPsC,CḡPsPjP±C-PSPμPjC-C— C- PíCḡPë
PSP°CÍPIPSPsCÍC,C- PíPsPeP°P·P°PSCḡ PíCḡPëP·PSP°C†P°C,Pë PíCḡPëPḡPsPj
PIC-C,P°PjC-PSCÍ Pḡ. Pj PíPëPíP°PrPeCf CḡPsP·PIPëC,PeCf C,CḡPëPIP°P»PsC—
PeCḡPsPIPsC,PμC†C- P±PμP· PíPëCÍPIP»PμPSPSCÍ C-PSC€PëC... PíCḡPëC†PëPS C†CHPsPiPs
CÍPIPëC°P°, CÍP»C-Pr PíCḡPëPíPëPSPëC,Pë P·P°CÍC,PsCÍCfPIP°PSPSCÍ
C†PμC,,PsPíPμCḡP°P·PsPSCÍ/CÍCfP»CHP±P°PeC,P°PjCf.

PíPe C- PíCḡPë P·P°CÍC,PsCÍCfPIP°PSPSC- C-PSC€PëC... P°PSC,PëP±C-PsC,PëPeC-PI,
C,CḡPëPIP°P»Pμ P·P°CÍC,PsCÍCfPIP°PSPSCÍ PíCḡPμPíP°CḡP°C,Cf P”PμPíP°C†PμC,, PḡPsPjP±C-
PjPsP¶Pμ PíCḡPëP·PIPμCÍC,Pë PrPs PíPsCÍPëP»PμPSPsPiPs CḡPsCÍC,Cf PSPμC†CfC,P»PëPIPsC—
PjC-PeCḡPsC,,P»PsCḡPë. PμCḡPsC,CÍPiPsPj P»C-PeCfPIP°PSPSCÍ CÍP»C-Pr
CḡPμC,PμP»CHPSPs CÍPíPsCÍC,PμCḡC-PiP°C,Pë P·P° CÍC,P°PSPsPj PíP°C†C-C”PSC,C-PI. PíPe
C- PíCḡPë P·P°CÍC,PsCÍCfPIP°PSPSC- C-PSC€PëC... CÍPëP»CHPSPsPrC-CḡC†PëC...
CÍPëCÍC,PμPjPSPëC... P·P°CÍPsP±C-PI, PíCḡPë C,CḡPëPIP°P»PsPjCf
P·P°CÍC,PsCÍCfPIP°PSPSC- PíCḡPμPíP°CḡP°C,Cf CḡPμPePsPjPμPSPPrPsPIP°PSPs
PíPμCḡC-PsPrPëC†PSPs PePsPSC,CḡPsP»CḡPIP°C,Pë PSP°CÍPIPSC-CÍC,CH PíCḡPsCÍPIC-PI
PíPsCḡCfC€PμPSPSCÍ C,,CfPSPeC†C-Pḡ CÍPëCÍC,PμPj PsCḡPiP°PSC-PI, PíPeP»CḡC†P°CḡC†Pë
PíPsCḡCfC€PμPSPSCÍ C,,CfPSPeC†C-C— PSPëCḡPsPe, PíPμC†C-PSPePë C,P°
PeCḡPsPIPsC,PIPsCḡPSPsC— CÍPëCÍC,PμPjPë, PsCÍPsP±P»PëPIPs Cf
PSPμPrPsPSPsC€PμPSPëC... PSPsPIPsPSP°CḡPsPrP¶PμPSPëC... C,P° C-PSC€PëC...
PSPμPjPsPIP»CÍC,.

PμCḡPs PíPëPSPëPePSPμPSPSCÍ PrC-P°CḡPμC—, PíPsPIBḡ™ CÍP·P°PSPsC— P· *Clostridium*
difficile, PíPsPIC-PrPsPjP»CÍP»PsCÍCÍ PíCḡPë P·P°CÍC,PsCÍCfPIP°PSPSC- PjP°PḡP¶Pμ
CfCÍC-C... P°PSC,PëP±P°PeC,PμCḡC-P°P»CHPSPëC... P·P°CÍPsP±C-PI, PíPeP»CḡC†P°CḡC†Pë
CÍCfP»CHP±P°PeC,P°Pj PSP°C,CḡC-Cḡ/C†PμC,,PsPíPμCḡP°P·PsPS PSP°C,CḡC-Cḡ.
PýCÍP¶PeC-CÍC,CH PíCḡPsCÍPIC-PI PjPsP¶Pμ P±CfC,Pë PIC-Pr PíPsPjC-CḡPSPsC—
PrC-P°CḡPμC— PrPs PePsP»C-C,Cf P· P»PμC,P°P»CHPSPëPj PSP°CÍP»C-PrPePsPj.
P—P°CÍC,PsCÍCfPIP°PSPSCÍ P°PSC,PëP±P°PeC,PμCḡC-P°P»CHPSPëC... PíCḡPμPíP°CḡP°C,C-PI
P·PjC-PSCḡC” PSPsCḡPjP°P»CHPSCÍ C,,P»PsCḡCf PePëC€PμC†PSPëPeCf C,P°
PíCḡPëP·PIPsPrPëC,CH PrPs PíC-PrPIPëC°PμPSPsPiPs CḡPsCÍC,Cf *C. difficile*.

C. difficile PíCḡPsPrCfPeCfC” C,PsPeCÍPëPSPë Pḡ C,P° P’, C°Ps, Cf CÍPIPsCḡ C†PμCḡPiCf,
CÍPíCḡPëCÍC” CḡPsP·PIPëC,PeCf PrC-P°CḡPμC—, PíPsPIBḡ™ CÍP·P°PSPsC— P· *C. difficile*.

РѢС,Р°РјРѢ С. *difficile*, С%оPs ПїСђPsPrCfPeCfCђC,Сђ PiC-ПїРμСђC,PsPeCfPѢPSPѢ,
ПїC-PrPIPѢС%оCfCђC,Сђ P·Р°С...PIPsCђСђPIP°PSC-СfC,Сђ С,Р° Р»РμC,Р°Р»СђPSC-СfC,Сђ,
PsCfPeC-Р»СђPePѢ С,Р°PeC- C-PSC,,РμPeC†C-C— PjPsP¶CfC,Сђ P±CfC,РѢ
СђРμP·PѢCfC,РμPSC,PSPѢPjPѢ PrPs Р°PSC,РѢР±Р°PeC,РμСђC-Р°Р»СђPSPsC— C,РμСђР°ПїC-C—
C,Р° РjPsP¶CfC,Сђ ПїPsC,СђРμP±CfPIP°C,РѢ PePsP»РμPeC,PsPjC-C—. ЌРμPsP±C...C-PrPSPs
СђPsP·PiP»C¶PrР°C,РѢ PjPsP¶P»PѢPIC-СfC,Сђ C†СђPsPiPs PrC-Р°PiPSP·Cf Cf PICfC-C...
ПїР°C†C-C”PSC,C-PI C-Р· PrC-Р°СђРμC”Cђ, С%оPs PIPѢPSPѢPeР°C” ПїСђPѢ
Р·Р°CfC,PsCfCfPIP°PSPSC- Р°PSC,РѢР±Р°PeC,РμСђC-Р°Р»СђPSPsC— C,РμСђР°ПїC-C—.
ЌРμPsP±C...C-PrPSPѢP№ СђРμC,РμP»СђPSPѢP№ Р°PSP°P»C-Р· Р°PSP°PjPSPμP·Cf,
PsCfPeC-Р»СђPePѢ ПїPsPIC-PrPsPjP»C¶P»PsCfC¶ ПїСђPs СђPsP·PIPѢC,PsPe PrC-Р°СђРμC—,
ПїPsPIвђ™ C¶P·Р°PSPsC— Р· С. *difficile* C¶РμСђРμP· 2 PjC-СfC¶C†C- ПїC-СfP»C¶
Р·Р°PIPμСђC¶РμPSPSC¶ Р°PSC,РѢР±Р°PeC,РμСђC-Р°Р»СђPSPsC— C,РμСђР°ПїC-C—.

Р”C-C,PѢ.

Р”РμПїР°C†РμC,, РђPsPjP±C- РμC,,РμPeC,РѢPIPSPs Р·Р°CfC,PsCfPsPICfC”C,СђCfC¶
PSPμPjPsPIP»C¶C,Р°Pj, ПїСђPsC,Рμ PICfРμP±C-C¶PSPѢC... PrPsCfP»C-PrP¶РμPSCђ
Р·Р°CfC,PsCfCfPIP°PSPSC¶ ПїСђРμПїР°СђР°C,Cf PSPμPrPsPSPsC¶РμPSPѢPj Р°Р±Ps
PrPsPSPsC¶РμPSPѢPj PSPsPIPsPSP°СђPsPrP¶РμPSPѢPj PSPμ ПїСђPsPIPsPrPѢP»PѢ.
PђPsPjCf ПїРμСђРμPr ПїPsC†Р°C,PePsPj P»C-PeCfPIP°PSPSC¶
PSPμPrPsPSPsC¶РμPSPѢC... Р°Р±Ps PrPsPSPsC¶РμPSPѢC...
PSPsPIPsPSP°СђPsPrP¶РμPSPѢC... CfP»C-Pr СђРμC,РμP»СђPSPs PsC†C-PSPѢC,РѢ
ПїPsC,РμPSC†C-Р№PSCf PePsСђPѢCfC,Сђ С,Р° СђPѢP·PѢPe PIC-Pr
Р·Р°CfC,PsCfCfPIP°PSPSC¶ ПїСђРμПїР°СђР°C,Cf.

PJ PSPsPIPsPSP°СђPsPrP¶РμPSPѢC... C-Р· P±C-Р»C-СђCfP±C-PSPsPIPsCђ
РμPSC†РμC,,Р°Р»PсPїР°C,C-C”Cђ C†РμC,,PsPїРμСђР°P·PsPS PSPμ Р·Р°PjC-C%оCfC”
P±C-Р»C-СђCfP±C-PS Cf PjC-СfC†C¶C... Р·PIвђ™ C¶P·CfPIP°PSPSC¶ Р·
ПїСђPsC,РμC—PSP°PjPѢ ПїP»Р°P·PjPѢ PeСђPsPIC-.

1 C,,P»Р°PePsPS ПїСђРμПїР°СђР°C,Cf Р”РμПїР°C†РμC,, РђPsPjP±C- PjC-СfC,РѢC,Сђ 0,063 Pi
PSP°C,СђC-Сђ. PђP»C-Pr P±СђР°C,РѢ PrPs CfPIP°PiPѢ C†Cђ C-PSC,,PsСђPjP°C†C-Сђ ПїСђPѢ
Р·Р°CfC,PsCfCfPIP°PSPSC- ПїСђРμПїР°СђР°C,Cf ПїР°C†C-C”PSC,Р°Pj Р·
ПїPsСђCfC¶РμPSPSC¶Pj C,,CfPSPeC†C-C— PSPѢСђPsPe Р°Р±Ps ПїР°C†C-C”PSC,Р°Pj, C¶PeC-
PrPsC,СђPѢPjCfCђC,СђCfC¶ PrC-C”C,РѢ Р· PePsPSC,СђPsP»СђPsPIP°PSPѢPj PIPjC-СfC,PsPj
PSP°C,СђC-Сђ.

*Р—Р°CfC,PsCfC¿PIP°PSPSC¶ C¿ ПїРμСђC-PsPr PIP°PiC-C,PSPsCfC,C- Р°Р±Ps
PiPsPrC¿PIP°PSPSC¶ ПїСђC¿PrPrCђ.*

Р’Р°PiC-C,PSC-СfC,Сђ. Р”PsCfP»C-PrP¶РμPSPSC¶ PIPїP»PѢPICf ПїСђРμПїР°СђР°C,Cf PSP°
СђРμПїСђPsPrCfPeC,РѢPIPSCf C,,CfPSPeC†C-Сђ, С%оPs ПїСђPsPIPsPrPѢP»PѢ PSP°
С%оCfCђР°C... Cf PrPsP·Р°C..., С%оPs Cf 10 СђР°P·C-PI ПїРμСђРμPIPѢС%оCfPIP°P»PѢ PrPsP·Cf
PrP»C¶ P»СђPrPѢPSPѢ, PSPμ PIPѢC¶PIPѢP»PѢ PrPsPeР°P·C-PI ПїPsPiC-СђC¶РμPSPSC¶
C,,РμСђC,РѢP»СђPSPsCfC,C-, Р° C,Р°PePsP¶ C,РμСђР°C,PsPiРμPSPSPsPiPs PIPїP»PѢPICf.
PђCfP»СђP±Р°PeC,Р°Pj C- C†РμC,,PsPїРμСђР°P·PsPS ПїСђPsPSPѢPeР°CђC,Сђ PeСђC-Р·Сђ
ПїP»Р°C†РμPSC,Р°СђPSPѢP№ Р±Р°Сђвђ™C”Сђ, Р°P»Рμ PICfРμP±C-C¶PSPѢC... C,Р°
PrPsP±СђРμ PePsPSC,СђPsP»СђPsPIP°PSPѢC... PrPsCfP»C-PrP¶РμPSCђ Р·Р° CfC†Р°CfC,Сђ
PIP°PiC-C,PSPѢC... P¶C-PSPsPe PSPμ ПїСђPsPIPsPrPѢP»PѢ. Р—PIP°P¶P°CђC†PѢ PSP° C,Рμ,

C%Ps C₇H₁₀P·C₇P»CH₃C,P°C,Pë PrPsC₇P»C-PrP₇PI₁₀PSCH₃ PIPiP»PëPIC₇ P₇C₇H₁₀PiP°C₇P°C,C₇
PSP° C₇H₁₀PiC₇PsPrC₇PeC,PëPI₁₀SC₇ C,,C₇PSPeC₇C-C₇ C₇ C,PiP°C₇PëPS PSP₁₀ P·P°PI₁₀P₇Pë
P±C₇PrC₇C,CH₃ C,P°PePëPjPë P₇ P₇C₇H₁₀Pë P·P°C₇C,PsC₇C₇PI₁₀P°PSPSC- C₇ P»C₇PrP₁₀PN₇,
P“P₁₀PiP°C₇P₁₀C,, P₇PsPjC,,C- PjPsP₇PI₁₀PSP° P·P°C₇C,PsC₇PsPIC₇PI₁₀P°C,Pë C₇ P₇P₁₀C₇C-PsPr
PI₁₀P°PiC-C,PSPSC₇C,C- P»PëCëP₁₀ PiC₇H₁₀Pë PSP°C₇PI₁₀SPSC₇C,C- C₇C-C,PëPëC...
PiPsPeP°P·P°PSCH₃.

P₁₀P₁₀C₇C-PsPr PiPsPrC₇PI₁₀P°PSPSC₇ PiC₇H₁₀C₇PrPrC₇. Pj PiC₇H₁₀C₇PrPSP₁₀ PjPsP»PsPePs
PiC₇H₁₀PsPSPëPeP°C” C,C-P»CH₃PePë PSP₁₀PI₁₀P₁₀P»PëPeP° C₇P°C₇C,PëPSP° PI₁₀PI₁₀PrP₁₀PSPsC—
PrPsP·Pë C₇C₇P»CH₃P±P°PeC,P°PjC₇ C,P° C₇P₁₀C,,PsPiP₁₀C₇P°P·PsPSC₇. P“P₁₀PiP°C₇P₁₀C,,
P₇PsPjP±C- C₇P»C-Pr P· PsP±P₁₀C₇H₁₀P₇PI₁₀PSCH₃-C₇C,CH₃ PiC₇H₁₀PëP·PSP°C₇P°C,Pë P₇PI₁₀-PSPeP°Pj,
C₇PI₁₀PeC- PiPsPrC₇C₇C,CH₃ PiC₇H₁₀C₇PrPrC₇, PSP₁₀P·PI₁₀P°P₇PI₁₀C₇C₇Pë PSP° C,P₁₀, C%Ps
PsP±PëPrPIC- C₇P₇P»P°PrPsPIC- PiC₇H₁₀PiP°C₇P°C,C₇ PiC₇H₁₀PsPSPëPeP°C₇C,CH₃ C₇
PiC₇H₁₀C₇PrPSP₁₀ PjPsP»PsPePs C₇ PSP₁₀P·PSP°C₇PSC-PN₇ PeC-P»CH₃PePsC₇C,C-.

P—PrP°C,PSC-C₇C,CH₃ PIPiP»PëPI₁₀P°C,Pë PSP° CëPI₁₀PëPrPeC-C₇C,CH₃ C₇H₁₀P₁₀P°PeC₇C-C— PiC₇H₁₀Pë
PeP₁₀C₇C₇PI₁₀P°PSPSC- P°PIC,PsC,C₇H₁₀P°PSC₇PI₁₀PsC₇C,PsPj P°P±Ps C-PSCëPëPjPë
PjP₁₀C...P°PSC-P·PjP°PjPë.

P₇P»C-PSC-C₇PSPëPN₇ PrPsC₇PI₁₀-Pr P·P°C₇C,PsC₇C₇PI₁₀P°PSPSC₇
C₇C₇P»CH₃P±P°PeC,P°PjC₇/C₇P₁₀C,,PsPiP₁₀C₇P°P·PsPSC₇ PrP°C” PiC-PrC₇C,P°PI₁₀Pë
PI₁₀PI₁₀P°P₇P°C,Pë, C%Ps PIPiP»PëPI PiC₇H₁₀PiP°C₇P°C,C₇ PSP° P·PrP°C,PSC-C₇C,CH₃
PiP°C₇C-C”PSC,P° PeP₁₀C₇C₇PI₁₀P°C,Pë P°PIC,PsC,C₇H₁₀P°PSC₇PI₁₀PsC₇C,PsPj P°P±Ps
PiC₇H₁₀P°C₇C₇PI₁₀P°C,Pë P· C-PSCëPëPjPë PjP₁₀C...P°PSC-P·PjP°PjPë PjP°P»PsPN₇PjPsPIC-C₇H₁₀PSPëPN₇.

PŸPiPsC₇C-P± P·P°C₇C,PsC₇C₇PI₁₀P°PSPSC₇ C,P° PrPsP·Pë.

P“P₁₀PiP°C₇P₁₀C,, P₇PsPjP±C- (PePsPjP±C-PSP°C₇C-C₇ C₇C₇P»CH₃P±P°PeC,P°PjC₇
PSP°C,C₇C-C₇/C₇P₁₀C,,PsPiP₁₀C₇P°P·PsPSC₇ PSP°C,C₇C-C₇) PIPëPiC₇C₇PeP°C”C,CH₃C₇C₇ C₇
C,,P»P°PePsPSP°C... C- P·P°C₇C,PsC₇PsPIC₇C”C,CH₃C₇C₇ P»PëCëP₁₀
PiP°C₇H₁₀PSCH₃,P₁₀C₇P°P»CH₃PSPs.

P₇PsPjP±C-PSP°C₇C-C₇ C₇C₇P»CH₃P±P°PeC,P°PjC₇ PSP°C,C₇C-C₇/C₇P₁₀C,,PsPiP₁₀C₇P°P·PsPSC₇
PSP°C,C₇C-C₇ PiC₇H₁₀PrC₇C,P°PI₁₀P»P₁₀PSP° C₇ PIPëPiP»C₇PI₁₀PrC- C₇C₇C...PsPiPs PiPsC₇PsCëPeC₇
PrP»C₇PI₁₀-PrPSPsPI₁₀P»P₁₀PSPSC₇ C₇ C₇PiC-PI₁₀PI₁₀-PrPSPsCëP₁₀PSPSC- 1:1 C₇
PiP₁₀C₇H₁₀PiP°C...C₇PSPeC₇ PSP° PIC-P»CH₃PSPëPN₇ C₇C₇P»CH₃P±P°PeC,P°Pj C,P°
C₇P₁₀C,,PsPiP₁₀C₇P°P·PsPS. PαP»P°PePsPSPë C-P· PiPsC₇PsCëPePsPj C₇
C₇PiC-PI₁₀PI₁₀-PrPSPsCëP₁₀PSPSC- 1:1 PjC-C₇C,C₇C,CH₃ P₁₀PePIC-PI₁₀P»P₁₀PSC, 1000 PjPi 1000
PjPi C₇C₇P»CH₃P±P°PeC,P°PjC₇ C,P° C₇P₁₀C,,PsPiP₁₀C₇P°P·PsPSC₇ PIC-PrPiPsPIC-PrPSPs.

P“PsC₇PsC₇P»C-. P—PI₁₀PëC₇P°PN₇PSP° PrPsP·P° PiC₇H₁₀PiP°C₇P°C,C₇ P“P₁₀PiP°C₇P₁₀C,,
P₇PsPjP±C- PrP»C₇PrPsC₇PsC₇P»PëC... C₇C,P°PSPsPI₁₀PëC,CH₃ 2B₇“4 Pi PSP° PrPsP±C₇
(C,PsP±C,Ps PIC-Pr 1 PrPs 2 Pi C₇P₁₀C,,PsPiP₁₀C₇P°P·PsPSC₇ PSP° PrPsP±C₇)
PI₁₀SC₇C,C₇C-CëPSCH₃PsPI₁₀PSPSPs P°P±Ps PIPSC₇C,C₇C-CëPSCH₃PsPjB₇™ C₇PI₁₀-PsPI₁₀Ps PI
C₇C-PI₁₀SPsPjC-C₇H₁₀PSPs C₇PsP·PiPsPrC-P»P₁₀PSPëC... PrPsP·P°C... PePsP₇PI₁₀PSCH₃- 12 PiPsPrPëPS.

PŸPİC-PIPIC-PrPSPsC€PµPSPSCİ	PŸCfP»CHP±P°PeC,P°Pj/ C†PµC,,PsPİPµCĤP°P·PsPS (Pi)	P°PsP·P° C†CfP»CHP±P°PeC,P°PjC† (Pi)	P°PsP·P° C†PµC,,PsPİPµCĤP°P·PsPSC† (Pi)
1 : 1	2bĤ"4	1bĤ"2	1bĤ"2

PµCĤPë C,CİP¶PePëC... P°P±Ps CĤPµC,,CĤP°PeC,PµCĤPSPëC... C-PSC,,PµPeC†C-CİC...
PrPsP±PsPIC† PrPsP·C† PİCĤPµPİP°CĤP°C,C† P°PµPİP°C†PµC,, PµPsPjP±C- PjPsP¶PSP°
PİC-PrPIPëC‰PëC,Pë PrPs 8 Pi (C,PsP±C,Ps PrPsP·P° C†PµC,,PsPİPµCĤP°P·PsPSC† bĤ" 4 Pi)
PIPSC†C,CĤC-C€PSCĤPsPIPµPSPSPs C† CĤC-PIPSPsPjC-CĤPSPs CĤPsP·PİPsPrC-P»PµPSPëC...
PrPsP·P°C... PePsP¶PSC- 12 PiPsPrPëPS. P PµPePsPjPµPSPPrPsPIP°PSP° PjP°PeC†PëPjP°P»CHPSP°
PrPsP±PsPIP° PrPsP·P° C†CfP»CHP±P°PeC,P°PjC† C†C,P°PSPsPIPëC,CH 4 Pi (8 Pi
PİCĤPµPİP°CĤP°C,C† P°PµPİP°C†PµC,, PµPsPjP±C-).

PµPsCĤCžC€PµPSPSCİ C,,CžPSPeC†C-C— PİPµC†C-PSPePë. P°PëPI. CĤPsP·PrC-P»
B«PhC†PsP±P»PëPIPsC†C,C- P·P°C†C,PsC†C†PIP°PSPSCİB».

PµPsCĤCžC€PµPSPSCİ C,,CžPSPeC†C-C— PSPëCĤPsPe. P PµP¶PëPj PrPsP·C†PIP°PSPSCİ PİCĤPë
P·P°C†C,PsC†C†PIP°PSPSC- PİCĤPµPİP°CĤP°C,C† P°PµPİP°C†PµC,, PµPsPjP±C- C†P»C-Pr
PePsCĤPëPİC†PIP°C,Pë PrP»Cİ PİP°C†C-C°PSC,C-PI P·C- P·PSP°C†PSPëPj P·PSPëP¶PµPSPSCİPj
C,,C†PSPeC†C-C— PSPëCĤPsPe (PeP»C-CĤPµPSC† PeCĤPµP°C,PëPSC-PSC† PjPµPSC€Pµ
30 PjP»/C...PI) P· PjPµC,PsCĤ PePsPjPİPµPSC†P°C†C-C— P·PSPëP¶PµPSPsPiPs
PeP»C-CĤPµPSC†C† C†CfP»CHP±P°PeC,P°PjC†. PµP°C†C-C°PSC,P°Pj C-P· PeP»C-CĤPµPSC†PsPj
PeCĤPµP°C,PëPSC-PSC† 15bĤ"30 PjP»/C...PI C†P»C-Pr PİCĤPëP·PSP°C†P°C,Pë
C†CfP»CHP±P°PeC,P°Pj C† PrPsP·C-, PSPµ P±C-P»CHC€Pµ 1 Pi, CİPeC† C†P»C-Pr
PIIPsPrPëC,Pë PePsP¶PSC- 12 PiPsPrPëPS (PjP°PeC†PëPjP°P»CHPSP° PrPsP±PsPIP° PrPsP·P°
C†CfP»CHP±P°PeC,P°PjC† bĤ" 2 Pi), P° PİP°C†C-C°PSC,P°Pj P· PeP»C-CĤPµPSC†PsPj
PeCĤPµP°C,PëPSC-PSC† PjPµPSC€Pµ 15 PjP»/C...PI C†P»C-Pr PİCĤPëP·PSP°C†P°C,Pë
C†CfP»CHP±P°PeC,P°Pj C† PrPsP·C-, PSPµ P±C-P»CHC€Pµ 500 PjPi, CİPeC† PIIPsPrCİC,CH
PePsP¶PSC- 12 PiPsPrPëPS (PjP°PeC†PëPjP°P»CHPSP° PrPsP±PsPIP° PrPsP·P°
C†CfP»CHP±P°PeC,P°PjC† bĤ" 1 Pi). PµCĤPë C,CİP¶PePëC... C-PSC,,PµPeC†C-CİC... PjPsP¶Pµ
PIPëPSPëPePSC†C,Pë PSPµPsP±C...C-PrPSC-C†C,CH PrPsPrP°C,PePsPIPsPiPs
P·P°C†C,PsC†C†PIP°PSPSCİ C†PµC,,PsPİPµCĤP°P·PsPSC† PsPeCĤPµPjPs.

PαP°CĤPjP°PePsPeC-PSPµC,PëC†PSPëPNë PİCĤPsC,,C-P»CH C†CfP»CHP±P°PeC,P°PjC†
C†C†C,C,C°PIPs P·PjC-PSCĤC"C,CHC†Cİ PİCĤPë PİCĤPsPIPµPrPµPSPSC-
PİPµPjPsPrC-P°P»C-P·C†.

PµPµCĤC-PsPr PSP°PİC-PIIPëPIPµPrPµPSPSCİ C†PµC,,PsPİPµCĤP°P·PsPSC† C-P·
C†PëCĤPsPIP°C,PePë PeCĤPsPIC- PİCĤPë PİPµPjPsPrC-P°P»C-P·C- PrPµC‰Ps
P·PjPµPSC€C†C"C,CHC†Cİ. PhC,P¶Pµ, CĤPµP¶PëPj PrPsP·C†PIP°PSPSCİ C†P»C-Pr
PIC†C,P°PSPsPIPëC,Pë PIC-PrPİPsPIC-PrPSPs PrPs PİPµCĤC-PsPrC† PrC-P°P»C-P·C†.

PµP°C†C-C°PSC,Pë P»C-C,PSCHPsPiPs PIC-PeCž. P°PëPI. CĤPsP·PrC-P»
B«PαP°CĤPjP°PePsPeC-PSPµC,PëPeP°B».

P°C-C,Pë. P—PIPëC†P°PNëPSP° PrPsP·P° PİCĤPµPİP°CĤP°C,C† P°PµPİP°C†PµC,, PµPsPjP±C-
PrP»Cİ PrC-C,PµPNë C†C,P°PSPsPIPëC,CH PIC-Pr 40 PrPs 80 PjPi/PePi PjP°C†Pë
C,C-P»P°/PrPsP±C† (C,PsP±C,Ps 20bĤ"40 PjPi C†PµC,,PsPİPµCĤP°P·PsPSC†/PePi PjP°C†Pë
C,C-P»P°/PrPsP±C†), CĤC-PIPSPsPjC-CĤPSPs CĤPsP·PİPsPrC-P»PµPSP° PSP° 2bĤ"4 PrPsP·Pë.

PŸPİC-PIPIC-PrPSPsC€PµPSPSCİİ	PŸCfP»CHP±P°PeC,P°Pj/C†PµC,,PsPİPµCĤP°P·PsPS (PjPi/PePi PjP°CİPë C,C-P»P°/PrPsP±Cf)	P°PsP·P° CİCfP»CHP±P°PeC,P°PjCf (PjPi/PePi PjP°CİPë C,C-P»P°/PrPsP±Cf)	P°PsP·P° C†PµC,,PsPİPµCĤP°P·PsPSCf (PjPi/PePi PjP°CİPë C,C-P»P°/PrPsP±Cf)
1 : 1	40BĤ"80	20BĤ"40	20BĤ"40

PµCĤPë C,CİP¶PePëC... P°P±Ps CĤPµC,,CĤP°PeC,PµCĤPSPëC... C-PSC,,PµPeC†C-CİC... C†CĤ PrPsP·Cf PjPsP¶PSP° PİC-PrPIPëC%PeC,Pë PrPs 160 PjPi/PePi PjP°CİPë C,C-P»P°/PrPsP±Cf (80 PjPi C†PµC,,PsPİPµCĤP°P·PsPSCf/PePi PjP°CİPë C,C-P»P°/PrPsP±Cf), CĤC-PIPSPsPjC-CĤPSPs CĤPsP·PrC-P»PëPICëPë C—C— PSP° 2BĤ"4 PrPsP·Pë (PrPëPI. CĤPsP·PrC-P» B«PhCİPsP±P»PëPIPsCİC,C- P·P°CİC,PsCİCfPIP°PSPSCİB»).

PkPsPIPsPSP°CĤPsPrP¶PµPSC-. PkPsPIPsPSP°CĤPsPrP¶PµPSPëPj 1-PiPs C,PëP¶PSCİİ P¶PëC,C,Cİ PİCĤPµPİP°CĤP°C, CİP»C-Pr PİPİPsPrPëC,Pë PePsP¶PSC- 12 PiPsPrPëPS. PĤP°PeCİPëPjP°P»CHPSP° PrPsP±PsPIP° PrPsP·P° CİCfP»CHP±P°PeC,P°PjCf PrP»Cİ PrC-C,PµPn PSPµ PİPsPIPëPSPSP° PİPµCĤPµPIPëC%CrPIP°C,Pë 80 PjPi/PePi PjP°CİPë C,C-P»P°/PrPsP±Cf (160 PjPi/PePi PjP°CİPë C,C-P»P°/PrPsP±Cf PİCĤPµPİP°CĤP°C,Cf P°PµPİP°C†PµC,, PĤPsPjP±C-). Pj PİPëPİP°PrPeP°C..., PePsP»Pë C" PSPµPsP±C...C-PrPSPsCĤ PrPsP·P° C†PµC,,PsPİPµCĤP°P·PsPSCf, C%Ps PİPµCĤPµPIPëC%CrC" 80 PjPi/PePi PjP°CİPë C,C-P»P°/PrPsP±Cf, PrPsPrP°C,PePsPICf PrPsP·Cf C†PµC,,PsPİPµCĤP°P·PsPSCf CİP»C-Pr P·P°CİC,PsCİPsPICfPIP°C,Pë PsPeCĤPµPjPs (PrPëPI. CĤPsP·PrC-P» B«PhCİPsP±P»PëPIPsCİC,C- P·P°CİC,PsCİCfPIP°PSPSCİB»).

PŸPİPsCİC-P± P·P°CİC,PsCİC¿PIP°PSPSCİİ.

P'PSC¿C,CĤC-C€PSCĤPsPIPµPSPSPµ PİPİPµPrPµPSPSCİİ.

P°P»Cİ PeCĤP°PİP»PëPSPSPsC— C-PSC,,CfP·C-C— PİPjC-CİC, PePsP¶PSPsPiPs C,,P»P°PePsPSP° PİCĤPµPİP°CĤP°C,Cf P°PµPİP°C†PµC,, PĤPsPjP±C- CİP»C-Pr PİC-PrPSPsPIPëC,Pë Cf PİC-PrPİPsPIC-PrPSC-PN PeC-P»CHPePsCİC,C- 5 % PİPsPrPSPsPiPs CĤPsP·C†PëPSCf PrPµPeCİC,CĤPsP·Pë, 0,9 % CĤPsP·C†PëPSCf PSP°C,CĤC-CĤ C...P»PsCĤPëPrCf PrP»Cİ C-PSBĤ™C°PeC†C-PN P°P±Ps PİPsPrPë PrP»Cİ C-PSBĤ™C°PeC†C-PN, P° PİPsC,C-Pj CĤPsP·PIPµCİC,Pë PrPs 20 PjP» C,PëPj CİP°PjPëPj CĤPsP·C†PëPSPsPj P· PİPsPrP°P»CHC€PëPj PİPİPµPrPµPSPSCİPj PİCĤPsC,CİPiPsPj 15BĤ"60 C...PI.

P'C-PrPSPsPIP»PµPSPSCİİ.

P—P°PiP°P»CHPSP° PrPsP·P° (Pi)	P·PePIC-PIP°P»PµPSC,PSP° PrPsP·P° CİCfP»CHP±P°PeC,P°Pj C†PµC,,PsPİPµCĤP°P·PsPS (Pi)	PhP±BĤ™C°Pj CĤPsP·C†PëPSPSPëPeP°	PĤP°PeCİPëPjP°P»CHPSP° PeC-PSC†PµPIP° PePsPSC†PµPSC,CĤP°C†C-Cİ (PjPi/PjP»)
1	0,5 0,5	3,4	125 125
2	1 1	6,7	125 125

P>P°PeC,P°C,PSPëPN CĤPsP·C†PëPS P C-PSPIPµCĤP° C" PİCĤPëPNPSCİC,PSPëPj CĤPsP·C†PëPSPSPëPePsPj PrP»Cİ PİCĤPsPIPµPrPµPSPSCİİ PİPSCfC,CĤC-C€PSCĤPsPIPµPSPSPsC— C-PSC,,CfP·C-C—, P°P»Pµ PSPµ PrP»Cİ PİPµCĤPIPëPSPSPsPiPs PİC-PrPSPsPIP»PµPSPSCİİ (PrPëPI. CĤPsP·PrC-P»

$C\uparrow P_{\mu}C_{\mu}, Ps\bar{P}iP_{\mu}C\bar{H}P^{\circ}P \cdot PsPSCr^{\circ}PSP^{\circ}C, C\bar{H}C-C\bar{H}C, P^{\circ}C\bar{I}C\bar{r}P \gg CH\bar{P} \pm P^{\circ}PeC, P^{\circ}PjC\bar{r}PSP^{\circ}C, C\bar{H}C-C\bar{H}C\bar{r}$
 $P \gg CH\bar{P}rP_{\mu}PN_{\bar{e}}PSP_{\mu}PrPsC\bar{I}C, P^{\circ}C, PSCH\bar{P}s. PhC\bar{r}C-PeC\bar{r}C^{\circ}C, CH\bar{C}\bar{I}C\bar{I}, C\%_{\bar{o}}Ps$
 $\bar{P}iP_{\mu}C\bar{H}P_{\mu}PrPsP \cdot C\bar{r}PIP^{\circ}PSPSC\bar{I} \bar{P}iC\bar{H}P_{\mu}\bar{P}iP^{\circ}C\bar{H}P^{\circ}C, C\bar{r}PjPsP\bar{I}P_{\mu}C\bar{I}\bar{P}iC\bar{H}P\bar{e}C\bar{r}P\bar{e}PSC\bar{I}C, P\bar{e}$
 $\bar{P}iC\bar{H}PsC\bar{I}PI\bar{P}\bar{e}, C\%_{\bar{o}}Ps, PiPsP \gg PsPIPSP\bar{e}PjC\bar{r}P\bar{e}PSPsPj, C^{\circ} \bar{P}iPsC\bar{I}\bar{P}\bar{e}P \gg P_{\mu}PSPSC\bar{I}PjPN_{\bar{e}}PsPiPs$
 $\bar{P}iPsP \pm C-C\bar{r}PSP\bar{e}C... P_{\mu}C_{\mu}, P_{\mu}PeC, C-PI, \bar{P}iC\bar{H}PsC\bar{I}PeC- \bar{P}iPsPIC-PrPsPjP \gg C\bar{I}P \gg PsC\bar{I}C\bar{I} \bar{P}iC\bar{H}P\bar{e}$
 $P \cdot P^{\circ}C\bar{I}C, PsC\bar{I}C\bar{r}PIP^{\circ}PSPSC- \bar{P}iC\bar{H}P_{\mu}\bar{P}iP^{\circ}C\bar{H}P^{\circ}C, C\bar{r}. P\bar{Y}P \gg C-PrP \pm C\bar{H}P^{\circ}C, P\bar{e}PrPsC\bar{r}PIP^{\circ}PiP\bar{e},$
 $C\%_{\bar{o}}PsPIP\bar{e}C\bar{I}PsPeC- PePsPSC\bar{r}P_{\mu}PSC, C\bar{H}P^{\circ}C\bar{r}C- P \pm P_{\mu}C, P^{\circ}-P \gg P^{\circ}PeC, P^{\circ}PjPSP\bar{e}C...$
 $P^{\circ}PSC, P\bar{e}P \pm C-PsC, P\bar{e}PeC-PI C\bar{r}C\bar{I}\bar{P}iP\bar{e}PSPSPsPjPsP \cdot PePsPIC-PN_{\bar{e}}C\bar{H}C-PrP\bar{e}PSC- PjPsP\bar{I}C\bar{r}C, CH$
 $C\bar{I}\bar{P}iC\bar{H}P\bar{e}C\bar{r}P\bar{e}PSC\bar{I}C, P\bar{e}PSP_{\mu}PIC\bar{H}PsP \gg PsPiC-C\bar{r}PSC- C\bar{H}P_{\mu}P^{\circ}PeC\bar{r}C-C-, C\bar{r}C, PsPjC\bar{r}$
 $C\bar{r}P\bar{e}C\bar{I}P \gg C- C\bar{I}C\bar{r}PrPsPjP\bar{e}. PhC\bar{I}PeC-P \gg CH\bar{P}eP\bar{e}C\uparrow P_{\mu}C_{\mu}, Ps\bar{P}iP_{\mu}C\bar{H}P^{\circ}P \cdot PsPS C, P^{\circ}$
 $C\bar{I}C\bar{r}P \gg CH\bar{P} \pm P^{\circ}PeC, P^{\circ}PjPIP\bar{e}PrC-P \gg C\bar{I}C\bar{H}C, CH\bar{C}\bar{I}C\bar{I}C- P \cdot C\bar{r}P\bar{e}C\bar{H}PeC\bar{r}P \gg C\bar{I}C\bar{r}C-C-$
 $C\bar{e}P \gg C\bar{I}C...PsPjPiP_{\mu}PjPsPrC-P^{\circ}P \gg C-P \cdot C\bar{r}, C\bar{r}C\bar{I} \bar{P}iC\bar{H}PsC\bar{r}P_{\mu}PrC\bar{r}C\bar{H}P^{\circ}PjPsP\bar{I}P_{\mu}$
 $\bar{P}iPsC\bar{I}\bar{P}\bar{e}P \gg CH\bar{P}IP^{\circ}C, P\bar{e}PIP\bar{e}PiP_{\mu}PrP_{\mu}PSPSC\bar{I} \bar{P}iC\bar{H}P_{\mu}\bar{P}iP^{\circ}C\bar{H}P^{\circ}C, C\bar{r}P \cdot PsC\bar{H}PiP^{\circ}PSC-P \cdot PjC\bar{r}C\bar{r}$
 $C\bar{H}P^{\circ}P-C- \bar{P}iP_{\mu}C\bar{H}P_{\mu}PrPsP \cdot C\bar{r}PIP^{\circ}PSPSC\bar{I} C\bar{r} \bar{P}iP^{\circ}C\bar{r}C-C^{\circ}PSC, C-PI P \cdot \bar{P}iPsC\bar{H}C\bar{r}C\bar{e}P_{\mu}PSPSC\bar{I}Pj$
 $C_{\mu}, C\bar{r}PSPeC\bar{r}C-C- PSP\bar{e}C\bar{H}PsPe.$

$P_{\mu}PsP \pm C-C\bar{r}PSC- C\bar{H}P_{\mu}P^{\circ}PeC\bar{r}C-C-.$

$P\bar{Y}C\bar{r}P \gg CH\bar{P} \pm P^{\circ}PeC, P^{\circ}Pj/C\uparrow P_{\mu}C_{\mu}, Ps\bar{P}iP_{\mu}C\bar{H}P^{\circ}P \cdot PsPS P \cdot P^{\circ}PiP^{\circ}P \gg PsPjPrPsP \pm C\bar{H}P_{\mu}$
 $\bar{P}iP_{\mu}C\bar{H}P_{\mu}PSPsC\bar{I}\bar{P}\bar{e}C, CH\bar{C}\bar{I}C\bar{I}. P^{\circ}C-P \gg CH\bar{C}\bar{e}C-C\bar{I}C, CH\bar{P} \bar{P}iPsP \pm C-C\bar{r}PSP\bar{e}C...$
 $C\bar{H}P_{\mu}P^{\circ}PeC\bar{r}C-PN_{\bar{e}}C^{\circ} P \gg P_{\mu}PiPePsPiPs P^{\circ}P \pm Ps \bar{P}iPsPjC-C\bar{H}PSPsPiPs C\bar{I}C, C\bar{r}PiP_{\mu}PSC\bar{I}$
 $C, C\bar{I}P\bar{I}PePsC\bar{I}C, C- C, P^{\circ}PjP^{\circ}C\bar{H}C, CH\bar{C}C\bar{I}\bar{P}iC\bar{H}P\bar{e}C\bar{I}C, P \gg P\bar{e}PiP\bar{e}PN_{\bar{e}} \bar{P}iP_{\mu}C\bar{H}P_{\mu}P \pm C-Pi$
 $\bar{P}iC\bar{H}P\bar{e}C, C\bar{H}P\bar{e}PiP^{\circ}P \gg PsPjC\bar{r}P \gg C-PeC\bar{r}PIP^{\circ}PSPSC-.$

$P\bar{k}P\bar{e}P\bar{I}C\bar{r}P_{\mu}PSP^{\circ}PiP_{\mu}PrP_{\mu}PSC- \bar{P}iPsP \pm C-C\bar{r}PSC- C\bar{H}P_{\mu}P^{\circ}PeC\bar{r}C-C-$
 $C\bar{I}\bar{P}iPsC\bar{I}C, P_{\mu}C\bar{H}C-PiP^{\circ}P \gg P\bar{e}C\bar{I}C\bar{I} \bar{P}iC-PrC\bar{r}P^{\circ}C\bar{I} \bar{P}iC\bar{H}P\bar{e}PN_{\bar{e}}PsPjC\bar{r}$
 $cC\bar{r}P \gg CH\bar{P} \pm P^{\circ}PeC, P^{\circ}PjC\bar{r}/C\uparrow P_{\mu}C_{\mu}, Ps\bar{P}iP_{\mu}C\bar{H}P^{\circ}P \cdot PsPSC\bar{r}. P\bar{S}P^{\circ}C\bar{I}C, PsC, P^{\circ} \bar{P}iPsP \pm C-C\bar{r}PSP\bar{e}C...$
 $C\bar{H}P_{\mu}P^{\circ}PeC\bar{r}C-PN_{\bar{e}}P \cdot P^{\circ}P \cdot PSP^{\circ}C\bar{r}P_{\mu}PSP^{\circ}P \cdot PiC-PrPSPsP \cdot PeP \gg P^{\circ}C\bar{I}\bar{P}\bar{e}C_{\mu}, C-PeP^{\circ}C\bar{r}C-C^{\circ}CH P P^{\circ}PrP\bar{e}$
 $PjC-P\bar{I}PSP^{\circ}C\bar{H}PsPrPSP\bar{e}C... PSP^{\circ}C\bar{r}PePsPIPs-PjP_{\mu}PrP\bar{e}C\bar{r}PSP\bar{e}C... PsC\bar{H}PiP^{\circ}PSC-P \cdot P^{\circ}C\bar{r}C-PN_{\bar{e}}$
 $(CIOMS III): PrC\bar{r}P\bar{I}P_{\mu}C\bar{r}P^{\circ}C\bar{I}C, Ps \geq 1/10 (\geq 10 \%), C\bar{r}P^{\circ}C\bar{I}C, Ps \geq 1/100 \text{ вЂ} < 1/10 (\geq 1 \% \text{ вЂ} < 10 \%),$
 $PSP_{\mu}C\bar{r}P^{\circ}C\bar{I}C, Ps \geq 1/1000 \text{ вЂ} < 1/100 (\geq 0,1 \% \text{ вЂ} < 1 \%), C\bar{r}P^{\circ}C\bar{I}C, PsC, P^{\circ}$
 $PSP_{\mu}PIC-PrPsPjP^{\circ} (PSP_{\mu}PjPsP\bar{I}P \gg P\bar{e}PIPs PsC\bar{r}C-PSP\bar{e}C, P\bar{e}P \cdot P^{\circ}PSP^{\circ}C\bar{I}PIPSsC\bar{H}$
 $C-PSC_{\mu}, PsC\bar{H}PjP^{\circ}C\bar{r}C-C^{\circ}CH). PjC\bar{I}C- PSP\bar{e}P\bar{I}C\bar{r}P_{\mu}P \cdot P^{\circ}P \cdot PSP^{\circ}C\bar{r}P_{\mu}PSC- \bar{P}iPsP \pm C-C\bar{r}PSC-$
 $C\bar{H}P_{\mu}P^{\circ}PeC\bar{r}C-C- PSP^{\circ}PiP_{\mu}PrP_{\mu}PSPs P \cdot PiC-PrPSPs PeP \gg P^{\circ}C\bar{I}C-PI C\bar{I}\bar{P}\bar{e}C\bar{I}C, P_{\mu}Pj$
 $PsC\bar{H}PiP^{\circ}PSC-PI MedRA C\bar{r} \bar{P}iPsC\bar{H}C\bar{I}PrPeC\bar{r} PeP \gg C-PSC-C\bar{r}PSPsC- PIP^{\circ}P\bar{I}P \gg P\bar{e}PIPsC\bar{I}C, C-.$

$P- P \pm PsPeC\bar{r}C\bar{I}\bar{P}\bar{e}C\bar{I}C, P_{\mu}PjP\bar{e}PeC\bar{H}PsPIC- C, P^{\circ}P \gg C-PjC_{\mu}, P^{\circ}C, P\bar{e}C\bar{r}PSPsC- C\bar{I}\bar{P}\bar{e}C\bar{I}C, P_{\mu}PjP\bar{e}:$

$P^{\circ}C\bar{r}P\bar{I}P_{\mu}C\bar{r}P^{\circ}C\bar{I}C, Ps: PSP_{\mu}PN_{\bar{e}}C, C\bar{H}PsPiP_{\mu}PSC-C\bar{I}^{\text{вЂ}} , P \gg P_{\mu}PN_{\bar{e}}PePsPiP_{\mu}PSC-C\bar{I}^{\text{вЂ}} ,$
 $\bar{P}iC\bar{H}C\bar{I}PjP^{\circ} \bar{P}iPsP \cdot P\bar{e}C, P\bar{e}PIPS^{\circ} \bar{P}iC\bar{H}PsP \pm P^{\circ}P\bar{e}C\bar{r}PjP \pm C\bar{I}P^{\circ\text{вЂ}} , P \cdot PSP\bar{e}P\bar{I}P_{\mu}PSPSC\bar{I}$
 $C\bar{H}C-PIPS\bar{I}C \bar{P}iP_{\mu}PjPsPiP \gg PsP \pm C-PSC\bar{r}^{\text{вЂ}} , P \cdot PSP\bar{e}P\bar{I}P_{\mu}PSPSC\bar{I} C\bar{H}C-PIPS\bar{I}C$
 $\bar{P}iP_{\mu}PjP^{\circ}C, PsPeC\bar{H}P\bar{e}C, C\bar{r}^{\text{вЂ}} , C, C\bar{H}PsPjP \pm PsC\bar{r}P\bar{e}C, PsPiP_{\mu}PSC-C\bar{I}^{\text{вЂ}} .$

$P\bar{S}P^{\circ}C\bar{I}C, Ps: PePsP^{\circ}PiC\bar{r}P \gg PsPiP^{\circ}C, C-C\bar{I}^{\text{вЂ}} , P_{\mu}PsP \cdot P\bar{e}PSPsC_{\mu}, C-P \gg C-C\bar{I}^{\text{вЂ}} .$

$P\bar{S}P^{\circ}C\bar{I}C, PsC, P^{\circ}PSP_{\mu}PIC-PrPsPjP^{\circ}: PiC-\bar{P}iPsPiC\bar{H}PsC, C\bar{H}PsPjP \pm C-PSP_{\mu}PjC-C\bar{I}.$

$P- P \pm PsPeC\bar{r}C- PjC\bar{r}PSPSPsC- C\bar{I}\bar{P}\bar{e}C\bar{I}C, P_{\mu}PjP\bar{e}:$

* P₄P₅P±C-C†PSC- C₇H₉PμP°PeC†C-C-, PīC₇H₉Ps C₄HPeC- PīPsPIC-PrPsPjP»C₄HP»PsC₇C₄ Cr
PīPsC₇C₄,PjP°C₇HePuC,PēPSPiPsPIPēPN₆ PīPuC₇H-C-PsPr.

ВҒ PJ CҒPsP·CҒP°C...CрPSPePё CҒP°CҒC,PsC,Pё PiPsP±C-CҒPSPёC... CҒPµP°PeCҒC-PNё
 CҒC,PsCҒPsPIPSPs PIC-PrC...PёP»PµPSCҒ P»P°P±PsCҒP°C,PsCҒPSPёC... PiPsPeP°P·PSPёPeC-PI
 PIC-Pr PSPsCҒPjPё P±CрP»Pё PIPEP»CҒCҒPµPSC- PICҒC- PrPsCҒC,CрPiPSC-
 P»P°P±PsCҒP°C,PsCҒPSC- P·PSP°CҒPµPSPSCҒ, PIPEP»CҒCҒP°CҒCҒPё PiPsPeP°P·PSPёPePё
 PiP°CҒC-C”PSC,C-PI C-P· PiPsCҒCрCёPµPSPSCҒPjPё PSP° PiPsCҒP°C,PePsPIPsPjCр CҒC-PIPSC-.
 PґP°PePёPNё PePsPSCҒPµCҒPIP°C,PёPIPSPёPNё PiC-PrC...C-Pr P±CрPI PIP·CҒC,PёPNё P·P°
 PsCҒPSPsPICр CҒPµCҒPµP· C,Pµ, C%Ps PiPsCҒP°C,PePsPIP° C-PSC,,PsCҒPjP°CҒC-CҒ PSPµ
 PrP°C” P·PjPsPiCр PrPёC,,PµCҒPµPSCҒC-CҒPIP°C,Pё PiC-PrPiCҒCрPiPё PiP°CҒC-C”PSC,C-PI C-P·
 PiPsCҒCрCёPµPSPSCҒPjPё PSP° PiPsCҒP°C,PePsPIPsPjCр CҒC-PIPSC-, CҒPeC- PjP°P»Pё
 P·PSP°CҒCрC%C- P·PjC-PSPё Cр P»P°P±PsCҒP°C,PsCҒPSPёC... PiPsPeP°P·PSPёPeP°C..., C%Ps
 P±CрP»Pё PiPsPiBҒ™ CҒP·P°PSC- C-P· P»C-PeCрPIP°PSPSCҒPj, C,P° PiP°CҒC-C”PSC,C-PI,
 CҒPeC- PSPµ PjP°P»Pё C,P°PePёC... P·PjC-PS.

PµPsCҒCрCёPµPSPSCҒ P·P° C,P°PePёPjPё PiPsPeP°P·PSPёPeP°PjPё, CҒPe CҒC-PIPµPSCҒ
 P»PµPNёPePsCҒPёC,C-PI, PSPµPNёC,CҒPsC,,C-P»C-PI, C,CҒPsPjP±PsCҒPёC,C-PI,
 PiPµPjPsPiP»PsP±C-PSCр C,P° PiPµPjP°C,PsPeCҒPёC,Cр, CҒPiPsCҒC,PµCҒC-PiP°P»PёCҒCҒ
 C,C-P»CҒPePё Cр C...PsPrC- PrPsCҒP»C-PrPҒPµPSCҒ. PµC-PrPIPёC%PµPSPSCҒ C,P°
 P·PSPёPҒPµPSPSCҒ CҒC-PIPSC-PI PSPµ PrPёC,,PµCҒPµPSCҒC-CҒPIP°P»Pё.

В§ PкP°PrC...PsPrPёP»Pё PiPsPIC-PrPsPjP»PµPSPSCҒ PiCҒPs P»PµC,P°P»CҒPSC-
 PSP°CҒP»C-PrPePё.

*PµPsPIC-PrPsPjP»PµPSPSCҒ PiCҒPs PiC-PrPsP·CҒCҒPIP°PSC- PiPsP±C-CҒPSC-
 CҒPµP°PeCҒC-C—.*

PµC-CҒP»CҒ CҒPµC”CҒC,CҒP°CҒC-C— P»C-PeP°CҒCҒCҒPePsPiPs P·P°CҒPsP±Cр PrCрPҒPµ
 PIP°PҒP»PёPIPs PiPsPIC-PrPsPjP»CҒC,Pё PiCҒPs PiC-PrPsP·CҒCҒPIP°PSC- PiPsP±C-CҒPSC-
 CҒPµP°PeCҒC-C—. PҒPµ PrP°C” P·PjPsPiCр PiCҒPsPIPsPrPёC,Pё PjPsPSC-C,PsCҒPёPSPi
 CҒPiC-PIPIC-PrPSPsCёPµPSPSCҒ PjC-PҒ PePsCҒPёCҒC,CҒ C- CҒPёP·PёPeP°PjPё,
 PiPsPiBҒ™ CҒP·P°PSPёPjPё C-P· P·P°CҒC,PsCҒCрPIP°PSPSCҒPj CҒCҒPsPiPs
 P»C-PeP°CҒCҒCҒPePsPiPs P·P°CҒPsP±Cр. PґPiC-PICҒPsP±C-C,PSPёPeC-PI CҒPёCҒC,PµPjPё
 PsC...PsCҒPsPSPё P·PrPsCҒPsPiBҒ™ CҒ PiCҒPsCҒCҒC,CҒ P·PIC-C,CрPIP°C,Pё PiCҒPs
 P±CрPrCҒ-CҒPeC- PiC-PrPsP·CҒCҒPIP°PSC- PiPsP±C-CҒPSC- CҒPµP°PeCҒC-C—
 PIC-PrPiPsPIC-PrPSPs PrPs PIPёPjPsPi P·P°PePsPSPsPrP°PICҒC,PIP°.

PґPµCҒPjC-PS PiCҒPёPrP°C,PSPsCҒC,C-. 2 CҒPsPePё.

PIPjPsPIPё P·P±PµCҒC-PiP°PSPSCҒ.

P—P±PµCҒC-PiP°C,Pё PI PsCҒPёPiC-PSP°P»CҒPSC-PNё CрPiP°PePsPICҒC-, PiCҒPё
 C,PµPjPiPµCҒP°C,CрCҒC- PSPµ PIPёC%Pµ 25 B°Pґ PI PSPµPrPsCҒC,CрPiPSPsPjCр PrP»CҒ
 PrC-C,PµPNё PjC-CҒCҒC-.

PкPµCҒCҒPjC-CҒPSC-CҒC,CҒ.

PҒPjC-PSPsPiP»C-PePsP·PёPrPё. P PsP·CҒPёPSPё PiCҒPµPiP°CҒP°C,Cр P”PµPiP°CҒPµC,,

РлPsPjP±C- C,P° P°PjC-PSPsPiP»C-PePsP·PëPrC-PI PSPµ CГP»C-Pr
P±PµP·PiPsCГPµCГPµPrPSCнPs P·PjC-CєCГPIP°C,Pë, PsCГPeC-P»CHнPePë PjC-P¶ PSPëPjPë
C-CГPSCГC” C,,C-P·PëC±PSP° PSPµCГCГPjC-CГPSC-CГC,CH. PïPeC%Ps C”
PSPµPsP±C...C-PrPSC-CГC,CH CГ PePsPjP±C-PSPsPIP°PSC-PNë C,PµCГP°PiC-C—
PiCГPµPiP°CГP°C,PsPj P”PµPiP°CГPµC,, РлPsPjP±C- C,P° P°PjC-PSPsPiP»C-PePsP·PëPrP°PjPë,
CГP»C-Pr P·P°CГC,PsCГPsPICГPIP°C,Pë C—C... PiPsCГP»C-PrPsPIPSCГ CГPsP·PrC-P»CHнPSCГ
PeCГP°PiP»PëPSPSCГ C-PSC,,CГP·C-Cн, PIPëPePsCГPëCГC,PsPICГCнC±Pë PsPeCГPµPjCГ
PIC,PsCГPëPSPSCГ CГPëCГC,PµPjCГ PrP»C¶ PIPSCГC,CГC-CєPSCнPsPIPµPSPSPëC...
C-PSC,,CГP·C-PNë, PiCГPë CГCHнPsPjCГ PiPµCГPIPëPSPSP° CГPëCГC,PµPjP° PrP»C¶
PIPSCГC,CГC-CєPSCнPsPIPµPSPSPëC... C-PSC,,CГP·C-PNë PiPsPIPëPSPSP° P±CГC,Pë
CГPµC,PµP»CHнPSPs PiCГPsPjPëC,P° CГC...PIP°P»PµPSPëPj CГPsP·C±PëPSPsPj CГ
PiPµCГPµCГPIC- PjC-P¶ C-PSC,,CГP·C-C¶PjPë P·P°P·PSP°C±PµPSPëC... PiCГPµPiP°CГP°C,C-PI.
PÿP°PePsP¶ PrPsCГC-P»CHнPSPs, C%PsP± PiCГPsC,C¶PiPsPj PrPsP±Pë C-PSC,PµCГPIP°P»Pë
PjC-P¶ PIPµPrPµPSPSC¶PjPë PiCГPµPiP°CГP°C,CГ C,P° P°PjC-PSPsPiP»C-PePsP·PëPrC-PI
P±CГP»Pë PiPs PjPsP¶P»PëPIPsCГC,C- PjP°PeCГPëPjP°P»CHнPSPëPjPë.

P>P°PeC,P°C,PSPëPNë CГPsP·C±PëPS P C-PSPiPµCГP°. PµPµCГPIPëPSPSPµ
CГPsP·PIPµPrPµPSPSC¶ P»P°PeC,P°C,PSPëPj CГPsP·C±PëPSPsPj P C-PSPiPµCГP° PSPµ
CГPµPePsPjPµPSPPrPsPIP°PSPµ, PsCГPeC-P»CHнPePë PICГC,P°PSPsPIP»PµPSPs, C%Ps CГC-
CГPµC±PsPIPëPSPë C” PSPµCГCГPjC-CГPSPëPjPë. PhPrPSP°Pe P·P°CГC,PsCГCГPIP°PSPSC¶
PrPIPsPµC,P°PiPSPsPiPs PiCГPsCГPµCГCГ CГPsP·PIPµPrPµPSPSC¶, PiCГPë C¶PePsPjCГ
PiPµCГPIPëPSPSPëPj CГPsP·C±PëPSPSPëPePsPj C” PIPsPrP° PrP»C¶ C-PSн™C”PeCГC-PNë,
PrP°C” PjPsP¶P»PëPIC-CГC,CH CГPSPëPePSCГC,Pë PSPµCГCГPjC-CГPSPsCГC,C- PiCГPë
PiPsPrP°P»CHнCєPsPjCГ CГPsP·PIPµPrPµPSPSC- P»P°PeC,P°C,PSPëPj CГPsP·C±PëPSPsPj
P C-PSPiPµCГP° (PrPëPI. CГPsP·PrC-P» B«PÿPiPsCГC-P± P·P°CГC,PsCГCГPIP°PSPSC¶ C,P°
PrPsP·PëB»).

P>C-PrPsPeP°C—PS. PµPµCГPIPëPSPSPµ CГPsP·PIPµPrPµPSPSC¶ 2 % CГPsP·C±PëPSPsPj
P»C-PrPsPeP°C—PSCГ PSPµ CГPµPePsPjPµPSPPrPsPIP°PSPs, PsCГPeC-P»CHнPePë CГC-
CГPµC±PsPIPëPSPë C” PSPµCГCГPjC-CГPSPëPjPë. PhPrPSP°Pe
P·P°CГC,PsCГCГPIP°PSPSC¶ PrPIPsPµC,P°PiPSPsPiPs PiCГPsCГPµCГCГ
CГPsP·PIPµPrPµPSPSC¶, PiCГPë C¶PePsPjCГ PiPµCГPIPëPSPSPëPj
CГPsP·C±PëPSPSPëPePsPj C” PIPsPrP° PrP»C¶ C-PSн™C”PeCГC-PNë, PrP°C”
PjPsP¶P»PëPIC-CГC,CH CГPSPëPePSCГC,Pë PSPµCГCГPjC-CГPSPsCГC,C- PiCГPë
PiPsPrP°P»CHнCєPsPjCГ CГPsP·PIPµPrPµPSPSC- 2 % CГPsP·C±PëPSPsPj
P»C-PrPsPeP°C—PSCГ C...P»PsCГPëPrCГ (PrPëPI. CГPsP·PrC-P» B«PÿPiPsCГC-P±
P·P°CГC,PsCГCГPIP°PSPSC¶ C,P° PrPsP·PëB»).

PjPiP°PePsPIPeP°.

PµPs 2,0 Pi PiPsCГPsCєPeCГ CГ C,,P»P°PePsPSP°C..., 1 P°P±Ps 10 C,,P»P°PePsPSC-PI CГ
PiP°C±CГC-.

РлP°C,PµPiPsCГC-C¶ PIC-PrPiCГCГPeCГ. P—P° CГPµCГPµPiC,PsPj.

P'PëCḡPsP±PSPëPë. PḡPḡPḡ B«PḡPëC—PIPjPḡPḡPḡCḡPḡPḡP°CḡP°C,B».

**Р_НС-СГ⁺С†Р_μР·Р_{SP}°С...Р_sР_rР†Р_μР_{SP}Р_{SC}‡ Р_{IP}ëС‡Р_sР±Р_{SP}ëР_eР° С,Р° Р_NР_sР_{Pi}Р_s
Р°Р°Р_rС‡Р_μСГ⁺Р° Р°С‡Р_sР_{IP}°Р_rР†Р_μР_{SP}Р_{SC}‡ Р_rС-С‡Р»С_HР_{SP}Р_sСГ⁺С,С-.**

PJPeCT₂P°C—PSP°, 01032, Pj. P₂PeC—PI, PICrP». PŸP°PeCÍP°PiP°PSCÍCHPePsPiPs, 139.