



PiCtjPe CijPePeC... PePsPSCtPmPSC,CtjP°CtC-C— PjPmCtjPsPiPmPSPmPjCf  
PiPmCtjPmPIPec%CrPIP°P»Pe PjC-PSC-PjP°P»CHbPSC- C-PSPiC-P±CrCtCtC-  
PePsPSCtPmPSC,CtjP°CtC-C— (PbP†Pb) (Pŷ > PbP†Pb), PIPeP°P·CrPIP°P»Pe PSP°  
PIPecfPsPePbPnē Cfc,CrfPic-PSCb PePsCtjPmP»CijCtC-C— P· PmC,,PmPeC,PēPIPSC-Cfc,Cb.  
Pkp° PrPsPeP»C-PSC-C†PSPec... PjPsPrPmP»CijC... PjPmCtjPsPiPmPSPmPj  
PiCtjPsPrPmPjPsPSCfc,CtjCrfPIP°PI P°PeC,PēPIPSC-Cfc,Cb PiCtjPe  
PePsPSCtPmPSC,CtjP°CtC-CijC... Cr PiP»P°P·PjC- PeCtjPsPIC-, C%Ps  
PiPmCtjPmPIPec%CrPIP°P»Pe PbP†Pb PrP»Cij C-PSC,,C-PecfCtCtPec...  
PjC-PecCtjPsPsCtjPiP°PSC-P·PjC-PI PicCtjPsC,CijPisPj PicCtjPeP±P»PēP·PSPs PSP° 40 % PIC-Pr  
C-PSC,PmCtjPIP°P»Cr PrPsP·CrPIP°PSPSCij. PiPm CtC-P»CHbPsPiPm P·PSP°C†PmPSPSCij PSPm  
P±CrP»Ps PICfc,P°PSPsPiP»PmPSPs PeP»C-PSC-C†PSPs.

P°PeC,PmCtjC-P°P»CHbPSP° CtjPmP·Pecfc,CmPSC,PSC-Cfc,Cb PrPs PjPmCtjPsPiPmPSPmPjCf  
PjPsP¶Pm PIPēPSPēPePSCfc,Pē Cr CtjPmP·CrP»CHbC,P°C,C-: (1) P·PSPēP¶PmPSPSCij  
PicCtjPsPSPēPePSPsCfc,C- P·PsPIPSC-CεPSCbPsC— PjPmPjP±CtjP°PSPē  
PicCtjP°PjPSPmPiP°C,PēPIPSPec... P±P°PeC,PmCtjC-Pnē (Cr P·PiBt™ CijP·Pecf P·C-  
P·PSPēP¶PmPSPSCijPj PicCtjPsPrCrfPecfPIP°PSPSCij PispCtjPePSC-PI), (2) P·PSPēP¶PmPSPSCij  
CfPispCtjC-PrPSPmPSPsCfc,C- P· CtC-P»CHbPsPiPēPjPē PBPs, (3) Pic-PrPIPec%PmPSPSCij  
PmPecfPicCtjPmCfc-C— PePsPjPispPSPmPSC,C-PI PmC,,P»CHbPecfPSPsPisp PSP°CfPsCfP° C,P° (4)  
PicCtjPsPrCrfPecfPIP°PSPSCij P±PmC,P°-P»P°PeC,P°PjP°P·, CijPeC- PjPsP¶CfC,Cb  
Pic-PrCtjPsP»C-P·CrPIP°C,Pē PeP°CtjP±P°PiPmPSPmPjPē.

PJ P,,PICtjPsPiPmPnēCfcCHbPePsPjCf PŷPsCtjP·C- (P,,Pŷ) P±CrP»Pe P·P°CtjPmC”Cfc,CtjPsPIP°PSC-  
PIPsiPSPec%P° C-PSC,,PmPeCtC-C—, CfcPicCtjPec†PēPSPmPSC- P±P°PeC,PmCtjC-CijPjPē,  
Cfc,C-PnēPePēPjPē PrPs PeP°CtjP±P°PiPmPSPmPjC-PI.

PmPmCtjPmC...CtjPmCfPSP° CtjPmP·Pecfc,CmPSC,PSC-Cfc,Cb PjC-P¶ PjPmCtjPsPiPmPSPmPjPsPj  
C- P»C-PeP°CtjCfCHbPePēPjPē P·P°CfPsP±P°PjPē, C%Ps PSP°P»PmP¶P°C,Cb PrPs PeP»P°CfC-PI  
C...C-PSPsP»PsPSC-PI, P°PjC-PSPsPiP»C-PePsP·PēPrC-PI, PjP°PeCtjPsP»C-PrC-PI C,P°  
C,PmC,CtjP°CtPēPeP»C-PSC-PI, P· CrCtjP°C...CrfPIP°PSPSCijPj CtC-P»CHbPsPiPec...  
PjC-PecCtjPsPsCtjPiP°PSC-P·PjC-PI PIC-PrCfCfc,PSCij. PhPrPSP°Pe P±P°PeC,PmCtjC-C—  
PjPsP¶CfC,Cb PicCtjPsCijPIP»CijC,Pē CtjPmP·Pecfc,CmPSC,PSC-Cfc,Cb PrPs P±C-P»CHbCε  
PSC-P¶ PsPrPSPsPisp PeP»P°CfCf P°PSC,PēP±P°PeC,PmCtjC-P°P»CHbPSPec...  
PicCtjPmPiP°CtjP°C,C-PI Cr CtjP°P·C-, PePsP»Pē P·P°P»CfC†PmPSPēPnē PrPs PrC-C—  
PjPmC...P°PSC-P·Pj PIPeP»CHbC†P°C” PSPmPicCtjPsPSPēPePSC-Cfc,Cb PjPmPjP±CtjP°PSPē  
PeP»C-C,PēPS C,P°/P°P±Ps PSP°CijPIPSC-Cfc,Cb PmC,,P»CHbPecfPSPsPisp(-Pec...)  
PSP°CfPsCfP°(PSP°CfPsCfc-PI).

P”CtjP°PSPec†PSC- P·PSP°C†PmPSPSCij PbP†Pb, C%Ps P±CrP»Pe PIPēP·PSP°C†PmPSC- Cr  
PicCtjPsCtPmCfc- PeP»C-PSC-C†PSPec... PrPsCfP»C-PrP¶PmPSCb P,,PICtjPsPiPmPnēCfcCHbPePēPj  
PePsPjC-C,PmC,PsPj P· PIPēP·PSP°C†PmPSPSCij C†Cfc,P»PēPIPSCfc,C- PrPs  
PicCtjPsC,PēPjC-PecCtjPsP±PSPec... PicCtjPmPiP°CtjP°C,C-PI (European Committee on Antimicrobial  
Susceptibility Testing (EUCAST)), PSP°PiPmPrPmPSC- P·P° PispCfPēP»P°PSPSCijPj  
[https://www.ema.europa.eu/documents/other/minimum-inhibitory-concentration-mic-breakpoints\\_en.  
xlsx](https://www.ema.europa.eu/documents/other/minimum-inhibitory-concentration-mic-breakpoints_en.xlsx) B

PmPsCεPēCtjPmPSC-Cfc,Cb PSP°P±CfC,PsC— CtjPmP·Pecfc,CmPSC,PSPsCfc,C- PjPsP¶Pm  
P·PjC-PSCbPIP°C,PecfcCij PispPispicCtjP°C,,C-C†PSPs C,P° Cr C†P°Cfc- PrP»Cij PsPecCtjPmPjPēC...  
PIPēPrC-PI, C,PsPjCf P±P°P¶P°PSPs CfcPispCtjP°C,PecfcCij PSP° PjC-Cfc†PmPICf  
C-PSC,,PsCtjPjP°CtC-Cb C%PsPrPs CtjPmP·Pecfc,CmPSC,PSPsCfc,C-

PjC-PeCḡPsPsCḡPiP°PSC-P·PjC-PI, PsCḡPsP±P»PëPIPḡ PiCḡPë P»C-PeCḡPIP°PSPSC-  
C,CḡPḡPePëC... C-PSC,,PḡPeCḡC-PNḡ. Pj CḡP°P·C- PSPḡPsP±C...C-PrPSPsCḡC,C-, PePsP»Pë  
CḡC-PIPḡPSCḡ PiPsCḡPëCḡPḡPSPsCḡC,C- CḡPḡP·PëCḡC,PḡPSC,PSPsCḡC,C-  
PjC-PeCḡPsPsCḡPiP°PSC-P·PjC-PI PSP° PjC-CḡCḡPḡPIPḡPjCḡ CḡC-PIPSC- C” C,P°PePëPj, C%ḡPs  
PePsCḡPëCḡC,ḡ PIC-Pr P·P°CḡC,PsCḡCḡPIP°PSPSCḡ P»C-PeP°CḡCḡḡPePsPiPs  
P·P°CḡPsP±Cḡ, PiCḡPëPSP°PNḡPjPSC- CḡC,PsCḡPsPIPSPs PrPḡCḡPePëC... PIPëPrC-PI  
C-PSC,,PḡPeCḡC-PNḡ, PIPëPeP»PëPeP°C” CḡCḡPjPSC-PIPë, CḡP»C-Pr P·PIPḡCḡPSCḡC,PëCḡCḡ  
P·P° PePsPSCḡCḡP»ḡḡCḡ,P°CḡC-C”Cḡ PrPs PḡPeCḡPiPḡCḡC,P°.

PḡPëPḡCḡPḡ PiPḡCḡPḡCḡP°C...PsPICḡCḡC,ḡḡCḡCḡ PiP°C,PsPiPḡPSPSC-  
PjC-PeCḡPsPsCḡPiP°PSC-P·PjPë PSP° PsCḡPSPsPIC- PeP»C-PSC-CḡPSPsPiPs PrPsCḡPIC-PrCḡ C-  
C,PḡCḡP°PiPḡPIC,PëCḡPSPëC... PiCḡPsC,PsPePsP»C-PI P»C-PeCḡPIP°PSPSCḡ  
P·P°C...PIPḡCḡḡPIP°PSCḡ.

P—P°P·PIPëCḡP°PNḡ CḡCḡC,P»PëPIC- PIPëPrPë

P”CḡP°PjPiPsP·PëC,PëPIPSC- P°PḡCḡPsP±Pë

*Enterococcus faecalis*<sup>§</sup>

*Staphylococcus aureus* (PjPḡC,PëCḡPëP»C-PSCḡCḡC,P»PëPIPëPNḡ)<sup>£</sup>

*P’PëPrPë Staphylococcus* (PjPḡC,PëCḡPëP»C-PSCḡCḡC,P»PëPIPëPNḡ), Cḡ C,PsPjCḡ  
CḡPëCḡP»C- *Staphylococcus epidermidis*

*Streptococcus agalactiae* (PiCḡCḡPiP° P’)

P”CḡCḡPiP° *Streptococcus milleri* (*S. anginosus*, *S. constellatus* C,P° *S. intermedius*)

*Streptococcus pneumoniae*

*Streptococcus pyogenes* (PiCḡCḡPiP° Pḡ)

P”CḡP°PjPSPḡPiP°C,PëPIPSC- P°PḡCḡPsP±Pë

*Citrobacter freundii*

*Citrobacter koseri*

*Enterobacter aerogenes*

*Enterobacter cloacae*

*Escherichia coli*

*Haemophilus influenzae*

*Klebsiella oxytoca*

*Klebsiella pneumoniae*

*Morganella morganii*

*Neisseria meningitides*

*Proteus mirabilis*

*Proteus vulgaris*

*Serratia marcescens*

P“CḥP°PjPiPsP·PëC,PëPIPSC- P°PSP°PμCḥPsP±Pë

*Clostridium perfringens*

*Peptoniphilus asaccharolyticus*

P’PëPrPë *Peptostreptococcus* (Cḥ C,PsPjCḥ C±PëCḥP»C- *P. micros*, *P. anaerobius*, *P. magnus*)

P“CḥP°PjPSPμPiP°C,PëPIPSC- P°PSP°PμCḥPsP±Pë

*Bacteroides caccae*

P“CḥCḥPiP° *Bacteroides fragilis*

*Prevotella bivia*

*Prevotella disiens*

P’PëPrPë, PrP»Cḥ CḥPëPëC... PSP°P±CḥC,P° CḥPμP·PëCḥC,PμPSC,PSC-CḥC,Cḥ PjPsPμPμ  
P±CḥC,Pë PiCḥPsP±P»PμPjPsCḥ

P“CḥP°PjPiPsP·PëC,PëPIPSC- P°PμCḥPsP±Pë

*Enterococcus faecium*<sup>§,§ḥ</sup>

P“CḥP°PjPSPμPiP°C,PëPIPSC- P°PμCḥPsP±Pë

P’PëPrPë *Acinetobacter Burkholderia cepacia*

*Pseudomonas aeruginosa*

P—P° CḥPIPSC”Cḥ PiCḥPëCḥPsPrPsCḥ CḥPμP·PëCḥC,PμPSC,PSC-  
PjC-PeCḥPsPsCḥPiP°PSC-P·PjPë

P“CḥP°PjPSPμPiP°C,PëPIPSC- P°PμCḥPsP±Pë

*Stenotrophomonas maltophilia*

P’PëPrPë *Legionella*

P†PSC€C- PjC-PeCḥPsPsCḥPiP°PSC-P·PjPë

*Chlamydomonas pneumoniae*

*Chlamydomonas psittaci*





PI-C-PrPIPëC%CrPIP°P»PëCÍCÍ CÍ PIP°C†C-C" PSC,C-PI C-P· PIPsCÍCrC€PµPSPSCÍPjPë C,,CrPSPeC†C-C— PSPëCÍPsPe. PµPsCÍPµPeC†C-CÍ PrPsP·Pë PíCÍPµPíP°CÍP°C,CÍ CÍPµPePsPjPµPSPPrCíC"C,CÍCÍCÍ PíP°C†C-C" PSC,P°Pj C-P· PíPsPjC-CÍPSPëPjPë C,P° C,CÍP¶PePëPjPë PíPsCÍCrC€PµPSPSCÍPjPë C,,CrPSPeC†C-C— PSPëCÍPsPe (PrPëPI. CÍPµP·PrC-P» B«PÿPíPsCÍC-P± P·P°CÍC,PsCÍCrPIP°PSPSCÍ C,P° PrPsP·PëB»).

PµPµCÍPsPíPµPSPµPj PIPëPIPsPrPëC,CÍCÍCÍ C€P»CÍC...PsPj PíPµPjPsPrC-P°P»C-P·CÍ P· PeP»C-CÍPµPSCÍPsPj, C%Ps P±CíPI PíC-Pr C†P°CÍ PíCÍPsPIPµPrPµPSPSCÍ PíPµPjPsPrC-P°P»C-P·CÍ PíCÍPëP±P»PëP·PSPs PI 4 CÍP°P·Pë PIPëC%PëPNë, PSC-P¶ CÍ PíP°C†C-C" PSC,C-PI P· P°PSCÍCÍC-C" CÍ.

PµPµC†C-PSPePsPIP° PSPµPrPsCÍC,P°C,PSC-CÍC,CÍ

P"PsCÍP»C-PrP¶PµPSPSCÍ P·P° CÍC†P°CÍC,CÍ PíP°C†C-C" PSC,C-PI P· P°P»PePsPíPsP»CÍPSPëPj C†PëCÍPsP·PsPj PíPµC†C-PSPePë PíPsPeP°P·CÍC" PIC-PrCÍCrC,PSC-CÍC,CÍ PIPíP»PëPICr P·P°C...PIPSCÍCÍPIP°PSPSCÍ PíPµC†C-PSPePë PSP° C,,P°CÍPjP°PePsPeC-PSPµC,PëPeCí PjPµCÍPsPíPµPSPµPjCí PíC-CÍP»CÍ P·P°CÍC,PsCÍCrPIP°PSPSCÍ PíPsPIC,PsCÍPSPëC... PrPsP· PíCÍPµPíP°CÍP°C,CÍ.

P"PsCÍP»C- PíP°C†C-C" PSC,Pë

P"PsCÍP»C-PrP¶PµPSPSCÍ C,,P°CÍPjP°PePsPeC-PSPµC,PëPePë, PíCÍPsPIPµPrPµPSC- P·P° CÍC†P°CÍC,CÍ PíP°C†C-C" PSC,C-PI, PSPµ PIPëCÍPIPëP»Pë P·PSP°C†PSPëC... C,,P°CÍPjP°PePsPeC-PSPµC,PëC†PSPëC... PIC-PrPjC-PSPSPsCÍC,PµPNë PíPsCÍC-PIPSCÍPSPs P·C- P·PrPsCÍPsPIPëPjPë PrPsP±CÍPsPIPsP»CÍC†CÍPjPë P· P°PSP°P»PsPiC-C†PSPëPj CÍC,P°PSPsPj C,,CÍPSPeC†C-C— PSPëCÍPsPe. PµPsPíCíP»CÍC†C-PNëPSP° PjPsPrPµP»CÍ, CÍPsP·CÍPsP±P»PµPSP° PSP° PsCÍPSPsPIC- PrP°PSPëC... 79 PíP°C†C-C" PSC,C-PI P· C-PSC,CÍP°P°P±PrPsPjC-PSP°P»CÍPSPsCÍ C-PSC,,PµPeC†C-C" CÍ P°P±Ps PíPSPµPIPjPsPSC-C" CÍ, PíPsPeP°P·P°P»P° P·P°P»PµP¶PSC-CÍC,CÍ PsCÍPSPsPIPsPíPs PsP±BÍ™ C" PjCí PIC-Pr PjP°CÍPë C,C-P»P°, PeP»C-CÍPµPSCÍCr PeCÍPµP°C,PëPSC-PSCr C- PIC-PeCí.

P"C-C,Pë

P"PsCÍP»C-PrP¶PµPSPSCÍ C,,P°CÍPjP°PePsPeC-PSPµC,PëPePë CÍ PSPµPjPsPIP»CÍC, C- PrC-C,PµPNë P· C-PSC,,PµPeC†C-C" CÍ PíCÍPë P·P°CÍC,PsCÍCrPIP°PSPSC- PíCÍPµPíP°CÍP°C,CÍ PI PrPsP·P°C... 10, 20 C- 40 PjPi/PePi PíCÍPsPrPµPjPsPSCÍC,CÍCrPIP°P»Pë P·PSP°C†PµPSPSCÍ C<sub>max</sub>, C%Ps PSP°P±P»PëP¶P°CÍC,CÍCÍCÍ PrPs P·PSP°C†PµPSCÍ, PIPëCÍPIP»PµPSPëC... CÍ PrPsCÍPsCÍP»PëC... PíC-CÍP»CÍ P·P°CÍC,PsCÍCrPIP°PSPSCÍ PíCÍPµPíP°CÍP°C,CÍ CÍ PrPsP·P°C... 500, 1000 C- 2000 PjPi PIC-PrPíPsPIC-PrPSPs. PµCÍPë PíPsCÍC-PIPSCÍPSPSC- P±CíP»Ps PIPëCÍPIP»PµPSPs CíP·PíPsPrP¶PµPSPSC- C,,P°CÍPjP°PePsPeC-PSPµC,PëC†PSC- C...P°CÍP°PeC,PµCÍPëCÍC,PëPePë PjC-P¶ PrPsP·P°PjPë PíCÍPµPíP°CÍP°C,CÍ C- PíPµCÍC-PsPrP°PjPë PSP°PíC-PIPIPëPIPµPrPµPSPSCÍ, PíPsPrC-P±PSC- PrPs C,P°PePëC..., C%Ps CÍPíPsCÍC,PµCÍC-PíP°P»PëCÍCÍ CÍ PrPsCÍPsCÍP»PëC..., CÍ PICÍC-C..., PeCÍC-Pj PSP°PNëPjPsP»PsPrC€PëC... PíP°C†C-C" PSC,C-PI (< 6 PjC-CÍCÍC†C-PI, t½ 1,6 PíPsPrPëPS). PÿPµCÍPµPrPSC- P·PSP°C†PµPSPSCÍ PeP»C-CÍPµPSCÍCr PjPµCÍPsPíPµPSPµPjCí CÍC,P°PSPsPIPëP»Pë 5,8 PjP»/C...PI/PePi (6-12 CÍPsPeC-PI), 6,2 PjP»/C...PI/PePi (2-5 CÍPsPeC-PI), 5,3 PjP»/C...PI/PePi (6-23 PjC-CÍCÍC†C-) C- 4,3 PjP»/C...PI/PePi (2-5 PjC-CÍCÍC†C-PI). PµCÍPëP±P»PëP·PSPs 60 % PrPsP·Pë PIPëPIPsPrPëC,CÍCÍCÍ C-P· CÍPµC†PµCÍ PíCÍPsC,CÍPiPsPj 12 PíPsPrPëPS CÍ PIPëPíP»CÍPrC- PjPµCÍPsPíPµPSPµPjCí C,P° C%Pµ 12 % BÍ™ CÍ PIPëPíP»CÍPrC- PjPµC,P°P±PsP»C-C,CÍ. PµPsPSC†PµPSC,CÍP°C†C-C— PjPµCÍPsPíPµPSPµPjCí CÍ



C-PSC,,PμPeC†C-PNε;

- C-PSC,,PμPeC†C-PNε PiC-Pr C‡P°CÍ PíPsP»PsPiC-PI C- PiC-CÍP»CΠPíPsP»PsPiPsPIPëC...  
C-PSC,,PμPeC†C-PNε;

- CrCÍPeP»P°PrPSPμPSPëC... C-PSC,,PμPeC†C-PNε CεPeC-CḡPë C- Pjβḡ™ CΠPePëC...  
C,PeP°PSPëPS;

- PiPsCÍC,CḡPsPiPs P±P°PeC,PμCḡC-P°P»CHPSPsPiPs PjPμPSC-PSPiC-C,Cr.

PḡPμCḡPsPiPμPSPμPj PjPsP¶PSP° P·P°CÍC,PsCÍPsPICrPIP°C,Pë PrP»CΠ P»C-PeCÍPIP°PSPSCΠ  
PíP°C†C-C" PSC,C-PI P·PSPμPNεC,CḡPsPiPμPSC-C" Cḡ C- PiP°CḡCΠC‡PePsCḡ PiCḡPë  
PiC-PrPsP·CḡC- PSP° C,Pμ, C%oPs PIPsPSP° CÍPíCḡPëC‡PëPSPμPSP°  
P±P°PeC,PμCḡC-P°P»CHPSPsCḡ C-PSC,,PμPeC†C-C" Cḡ.

P>C-PeCÍPIP°PSPSCΠ PíP°C†C-C" PSC,C-PI P·P±P°PeC,PμCḡC-C" PjC-C" Cḡ, CΠPeP°  
PíPsPiβḡ™ CΠP·P°PSP° P°P±Ps PjPsP¶Pμ P±CÍC,Pë PíPsPiβḡ™ CΠP·P°PSP° P·P±CÍPrCḡ-  
CΠPePsCḡ C-P·P·P°P·PSP°C‡PμPSPëC... PIPëC%oPμ C-PSC,,PμPeC†C-PNε.

PŸP»C-Pr PICḡP°C...PsPICrPIP°C,Pë PsC,,C-C†C-PNεPSC- CḡPμPePsPjPμPSPPrP°C†C-C—  
C%oPsPrPs PIC-PrPíPsPIC-PrPSPsPiPs P·P°CÍC,PsCÍCÍPIP°PSPSCΠ  
P°PSC,PëP±P°PeC,PμCḡC-P°P»CHPSPëC... PiCḡPμPíP°CḡP°C,C-PI.

**PμCḡPsC,PëPíPsPeP°P·P°PSPSCΠ.**

PμC-PrPIPëC%oPμPSP° C‡CÍC,P»PëPIC-CÍC,Cḡ PrPs PrC-CḡC‡PsC— CḡPμC‡PsPIPëPSPë P°P±Ps  
PrPs P±CÍPrCḡ-CΠPePsC— P·PrPsPiPsPjC-P¶PSPëC... CḡPμC‡PsPIPëPS PiCḡPμPíP°CḡP°C,Cr.

PμC-PrPIPëC%oPμPSP° C‡CÍC,P»PëPIC-CÍC,Cḡ PrPs P±CÍPrCḡ-CΠPePsPiPs C-PSCεPsPiPs  
P°PSC,PëP±P°PeC,PμCḡC-P°P»CHPSPsPiPs P·P°CÍPsP±CÍ PiCḡCÍPíPë  
PeP°CḡP±P°PíPμPSPμPjC-PI.

PŸCΠP¶PeP° PiC-PrPIPëC%oPμPSP° C‡CÍC,P»PëPIC-CÍC,Cḡ (PSP°PiCḡPëPeP»P°Pr  
P°PSP°C,,C-P»P°PeC,PëC‡PSC- CḡPμP°PeC†C-C—, C,CΠP¶PeC- CḡPμP°PeC†C-C— P·P±PsPeCÍ  
CεPeC-CḡPë) PrPs P±CÍPrCḡ-CΠPePsPiPs C-PSCεPsPiPs C,PëPíCÍ P±PμC,P°-  
P»P°PeC,P°PjPSPsPiPs P°PSC,PëP±P°PeC,PμCḡC-P°P»CHPSPsPiPs P·P°CÍPsP±CÍ  
(PSP°PiCḡPëPeP»P°Pr PíPμPSC-C†PëP»C-PSC-PI P°P±Ps C†PμC,,P°P»PsCÍPíPsCḡPëPSC-PI).

**P°P·P°C" PjPsPrC-CΠ P·C-PSCεPëPjPë P»C-PeP°CḡCÍCḡPePëPjPë P·P°CÍPsP±P°PjPë C,P°  
C-PSCεC- PIPëPrPë PIP·P°C" PjPsPrC-PNε.**

P"PsCÍP»C-PrP¶PμPSPSCΠ C%oPsPrPs PIP·P°C" PjPsPrC-C— PiCḡPμPíP°CḡP°C,Cr P·  
C-PSCεPëPjPë P»C-PeP°CḡCÍCḡPePëPjPë P·P°CÍPsP±P°PjPë, PeCḡC-Pj  
PiCḡPsP±PμPSPμC†PëPrCÍ, PSPμ PiCḡPsPiPsPrPëP»Pë.

PμCḡPsP±PμPSPμC†PëPr PePsPSPeCÍCḡCÍC" P·PjPμCḡPsPiPμPSPμPjPsPj C%oPsPrPs  
P°PeC,PëPIPSPsPiPs PeP°PSP°P»CHC†PμPIPsPiPs PIPëPíPμPrPμPSPSCΠ C- C,P°PePëPj  
C‡PëPSPsPj PiCḡPëPiPSC-C‡CÍC" PSPëCḡPePsPICr PμPeCÍPeCḡPμC†C-Cḡ  
PjPμCḡPsPiPμPSPμPjCÍ, C%oPs PiCḡPëP·PIPPrPëC,Cḡ PrPs P·P±C-P»CHCεPμPSPSCΠ



**PhCÍPsP±P»PëPIPsCÍC,C-B P·P°CÍC,PsCÍCáPIP°PSPSCII.**

PμCḡPë PIPëP±PsCḡC- PjPμCḡPsPìPμPSPμPjCí CIIPe P·P°CÍPsP±Cí P»C-PeCíPIP°PSPSCII  
CÍP»C-Pr P±CḡP°C,Pë PrPs CíPIP°PìPë PrPsC†C-P»CHḡPSC-CÍC,CHḡ  
P·P°CÍC,PsCÍCíPIP°PSPSCII P°PSC,PëP±P°PeC,PμCḡC-P°P»CHḡPSPsPìPs P·P°CÍPsP±Cí  
PìCḡCíPìPë PeP°CḡP±P°PìPμPSPμPjC-PI, PICḡP°C...PsPICíCḡC†Pë C,P°PeC- C,,P°PeC,PsCḡPë  
CIIPe C,CIIPIPeC-CÍC,CHḡ C-PSC,,PμPeC†C-C—, PìPsC€PëCḡPμPSC-CÍC,CHḡ  
CḡPμP·PëCÍC,PμPSC,PSPsCÍC,C- PrPs C-PSC€PëC... PIC-PrPìPsPIC-PrPSPëC...  
P°PSC,PëP±P°PeC,PμCḡC-P°P»CHḡPSPëC... P·P°CÍPsP±C-PI, P° C,P°PePsPḡ CḡPëP·PëPe  
PIPëP±PsCḡCí PìCḡPμPìP°CḡP°C,Cí C%PsPrPs P±P°PeC,PμCḡC-PMḡ, CÍC,C-PMḡPePëC... PrPs  
PeP°CḡP±P°PìPμPSPμPjC-PI.

P PμP·PëCÍC,PμPSC,PSC-CÍC,CHḡ PrPs *Enterobacteriaceae, Pseudomonas aeruginosa C,P°  
Acinetobacter*

PJ P,,PICḡPsPìPμPMḡCÍCHḡPePsPjCí PŸPsCḡP·C- CḡPμP·PëCÍC,PμPSC,PSC-CÍC,CHḡ PrPs  
PìPμPSPμPjC-PI *Enterobacteriaceae, Pseudomonas aeruginosa C- Acinetobacter*  
PIP°CḡC-CḡC”C,CHḡCÍCII. PμCḡPë PìCḡPëP·PSP°C†PμPSPSC- PìCḡPμPìP°CḡP°C,Cí  
CḡPμPePsPjPμPSPPrCíC”C,CHḡCÍCII PICḡP°C...PsPICíPIP°C,Pë PjC-CÍC†PμPICí  
CḡPμP·PëCÍC,PμPSC,PSC-CÍC,CHḡ C†PëC... P±P°PeC,PμCḡC-PMḡ PrPs PìPμPSPμPjC-PI.

P PμP°PeC†C-C— PìC-PìPμCḡC†CíC,P»PëPIPsCÍC,C-

PìPe C- PìCḡPë P·P°CÍC,PsCÍCíPIP°PSPSC- C-PSC€PëC... P±PμC,P°-P»P°PeC,P°PjPSPëC...  
P°PSC,PëP±C-PsC,PëPeC-PI, PìPsPIC-PrPsPjP»CIIP»PsCÍCII PìCḡPs PIPëPìP°PrPePë  
CÍPμCḡPMḡPsP·PSPëC..., P° C-PSPsPrC- P· P»PμC,P°P»CHḡPSPëPjPë PSP°CÍP»C-PrPeP°PjPë  
CḡPμP°PeC†C-PMḡ PìC-PrPIPëC%PμPSPsC— C†CíC,P»PëPIPsCÍC,C- (PrPëPI. CḡPsP·PrC-P»Pë  
B«PμCḡPsC,PëPìPsPeP°P·P°PSPSCII» C,P° B«PμPsP±C-C†PSC- CḡPμP°PeC†C-C—B»).

PμP°C†C-C”PSC,Pë, Cí CIIPePëC... PI P°PSP°PjPSPμP·C- P·P°CḡPμC”CÍC,CḡPsPIP°PSC-  
PIPëPìP°PrPePë PìC-PrPIPëC%PμPSPsC— C†CíC,P»PëPIPsCÍC,C- PrPs  
PeP°CḡP±P°PìPμPSPμPjC-PI, PìPμPSC-C†PëP»C-PSC-PI P°P±Ps C-PSC€PëC... P±PμC,P°-  
P»P°PeC,P°PjPSPëC... P°PSC,PëP±C-PsC,PëPeC-PI, PjPsPḡCíC,CHḡ C,P°PePsPḡ PjP°C,Pë  
PìC-PrPIPëC%PμPSCí C†CíC,P»PëPIC-CÍC,CHḡ PrPs PjPμCḡPsPìPμPSPμPjCí. PμPμCḡPμPr  
PìPsC†P°C,PePsPj C,PμCḡP°PìC-C— PjPμCḡPsPìPμPSPμPjPsPj CÍP»C-Pr PìCḡPsPIPμCÍC,Pë  
CḡPμC,PμP»CHḡPSPμ PsPìPëC,CíPIP°PSPSCII C%PsPrPs PìPsPìPμCḡPμPrPSC-C...  
CḡPμP°PeC†C-PMḡ PìC-PrPIPëC%PμPSPsC— C†CíC,P»PëPIPsCÍC,C- PrPs P±PμC,P°-  
P»P°PeC,P°PjPSPëC... P°PSC,PëP±C-PsC,PëPeC-PI.

PμCḡPë PIPëPSPëPePSPμPSPSC- C,CIIPIPePsC— P°P»PμCḡPìC-C†PSPsC— CḡPμP°PeC†C-C—  
P·P°CÍC,PsCÍCíPIP°PSPSCII PìCḡPμPìP°CḡP°C,Cí CÍP»C-Pr PìCḡPëPìPëPSPëC,Pë C,P°  
PIPḡPëC,Pë PIC-PrPìPsPIC-PrPSPëC... P·P°C...PsPrC-PI.

PμPsPIC-PrPsPjP»CIIP»PsCÍCII PìCḡPs C,CIIPIPeC- PìPsP±C-C†PSC- CḡPμP°PeC†C-C— P·  
P±PsPeCí C€PeC-CḡPë, C,P°PeC- CIIPe CÍPëPSPPrCḡPsPj PŸC,C-PIPμPSCÍP°-P”PḡPsPSCÍPsPSP°,  
C,PsPeCÍPëC†PSPëPMḡ PμPìC-PrPμCḡPjP°P»CHḡPSPëPMḡ PSPμPeCḡPsP»C-P·,  
PjPμPrPëPeP°PjPμPSC,PsP·PSP° P°P»PμCḡPìC-CII P· PμPsP·PëPSPsC,,C-P»C-C”Cḡ C-  
CÍPëCÍC,PμPjPSPëPjPë CÍPëPjPìC,PsPjP°PjPë (DRESS-CÍPëPSPPrCḡPsPj),  
PjCíP»CHḡC,PëC,,PsCḡPjPSP° PμCḡPëC,PμPjP° C,P° PìPsCÍC,CḡPëPMḡ  
PìPμPSPμCḡP°P»C-P·PsPIP°PSPëPMḡ PμPeP·P°PSC,PμPjP°C,PsP·PSPëPMḡ PìCíCÍC,CíP»CHḡPsP· Cí  
PìP°C†C-C”PSC,C-PI, CIIPeC- PsC,CḡPëPjCíPIP°P»Pë P»C-PeCíPIP°PSPSCII  
PjPμCḡPsPìPμPSPμPjPsPj (PrPëPI. CḡPsP·PrC-P» B«PμPsP±C-C†PSC- CḡPμP°PeC†C-C—B»). PJ

СҗP°P·C- PīPsCҗPIPē PsP·PSP°Pe C,P° CГPēPjPīC,PsPjC-PI, C%Ps CГPIC-PrC†P°C,Сҗ PīCҗPs C†C- CҗPμP°PeC†C-C—, PjPμCҗPsPīPμPSPμPj CГP»C-Pr PSPμPīP°PN°PSPs PIC-PrPjC-PSPēC,Pē C- CҗPsP·PīP»CҗPSC†C,Pē P°P»СҗC,PμCҗPSP°C,PēPIPSPμ P»C-PeC†PIP°PSPSCҗ.

PμCҗPē P·P°CГC,PsCГC†PIP°PSPSC- C-PSC€PēC... P±PμC,P°-P»P°PeC,P°PjPSPēC... P°PSC,PēP±C-PsC,PēPeC-PI PīPsPIC-PrPsPjP»CҗP»PsCГCҗ PīCҗPs CҗPμP°PeC†C-C— PīC-PīPμCҗC†C†C,P»PēPIPSC†C,C-, CҗPеC- PīCҗPsPīCҗPμCГC†PIP°P»Pē PrPs CГPēPSPPrCҗPsPjC† PμPsC†PSC-CГP° (PīPsCГC,CҗPēPNē P°P»PμCҗPīC-C†PSPēPNē PePsCҗPsPSP°CҗPSPēPNē P°CҗC,PμCҗC-PsCГPīP°P·Pj, CҗPеPēPNē PjPsP¶Pμ PīCҗPēP·PIPμCГC,Pē PrPs C-PSC,,P°CҗPeC,C† PjC-PsPeP°CҗPrP°) (PrPēPI. CҗPsP·PrC-P» B«PμPsP±C-C†PSC-CҗPμP°PeC†C-C—B»).

PμPsP»C-C,, PīPsPīBҗ™ CҗP·P°PSPēPNē C-P· P·P°CГC,PsCГC†PIP°PSPSCҗPj P°PSC,PēP±C-PsC,PēPeC-PI

PμCҗPē P·P°CГC,PsCГC†PIP°PSPSC- PjP°PN°P¶Pμ PICГC-C... P°PSC,PēP±P°PeC,PμCҗC-P°P»СҗPSPēC... PīCҗPμPīP°CҗP°C,C-PI, C† C,PsPjC† C†PēCГP»C- PjPμCҗPsPīPμPSPμPjC†, P±C†P»Pē P·P°CҗPμC”CГC,CҗPsPIP°PSC- PIPēPīP°PrPePē PePsP»C-C,C†, PīPsPīBҗ™ CҗP·P°PSPsPīPs C-P· P·P°CГC,PsCГC†PIP°PSPSCҗPj P°PSC,PēP±C-PsC,PēPeC-PI, C- PIPēPīP°PrPePē PīCГPμPIPPrPsPjPμPjP±CҗP°PSPsP·PSPsPīPs PePsP»C-C,C†, CГC,C†PīC-PSCH C,CҗP¶PePsCГC,C- CҗPеPēC... PjPsP¶Pμ PIP°CҗC-CҗHIP°C,Pē PIC-Pr P»PμPīPePsPīPs PrPs C,P°PePsPīPs, C%Ps CГC,P°PSPsPIPēC,Сҗ P·P°PīCҗPsP·C† P¶PēC,C,Сҗ. PŷPsPjC† PIP°P¶P»PēIPs PIP·CҗC,Pē PrPs C†PIP°PīPē PjPsP¶P»PēPIC-CГC,Сҗ C,P°PePsPīPs PrC-P°PīPSPsP·C† C† PīP°C†C-C”PSC,C-PI, C† CҗPеPēC... PīC-Pr C†P°CГ P°P±Ps PīC-CГP»Cҗ P·P°CГC,PsCГC†PIP°PSPSCҗ PjPμCҗPsPīPμPSPμPjC† PIPēPSPēPeP»P° PrC-P°CҗPμCҗ (PrPēPI. CҗPsP·PrC-P» B«PμPsP±C-C†PSC- CҗPμP°PeC†C-C—B»). PŷP»C-Pr CҗPsP·PīP»CҗPSC†C,Pē PīPēC,P°PSPSCҗ PīCҗPs PīCҗPēPīPēPSPμPSPSCҗ P»C-PeC†PIP°PSPSCҗ PjPμCҗPsPīPμPSPμPjPsPj C,P° P·P°CГC,PsCГC†PIP°PSPSCҗ CГPīPμC†PēC,,C-C†PSPsPīPs P»C-PeC†PIP°PSPSCҗ, CГPīCҗCҗPjPsPIP°PSPsPīPs PīCҗPsC,Pē *Clostridium difficile*. PќPμ CГP»C-Pr PīCҗPēP·PSP°C†P°C,Pē P»C-PeP°CҗCГСҗPеC- P·P°CГPsP±Pē, CҗPеC- PīCҗPēPīPSC-C†C†CҗC,Сҗ PīPμCҗPēCГC,P°P»СҗC,PēPeC† PePēC€PμC†PSPēPeC†.

PŷC†PrPsPjPē

PμC-Pr C†P°CГ P»C-PeC†PIP°PSPSCҗ PeP°CҗP±P°PīPμPSPμPjP°PjPē, C† C,PsPjC† C†PēCГP»C- PjPμCҗPsPīPμPSPμPjPsPj, CҗC-PrPePs PīPsPIC-PrPsPjP»CҗP»Pē PīCҗPs CГC†PrPsPjPē (PrPēPI. CҗPsP·PrC-P» B«PμPsP±C-C†PSC- CҗPμP°PeC†C-C—B»).

PμPsPSC,CҗPsP»СҗC,,C†PSPeC†C-C— PīPμC†C-PSPePē

Pj P·PīBҗ™ CҗP·PeC† P· CҗPēP·PēPePsPj CҗPsP·PIPēC,PeC† PīPμC†C-PSPePsPīPsC— C,PsPeCГPēC†PSPsCГC,C- (PīPsCҗC†C€PμPSPSCҗ C,,C†PSPeC†C-C— PīPμC†C-PSPePē P· C...PsP»PμCГC,P°P·PsPj C- C†PēC,PsP»C-P·PsPj) PīC-Pr C†P°CГ P»C-PeC†PIP°PSPSCҗ PjPμCҗPsPīPμPSPμPjPsPj CГP»C-Pr CҗPμC,PμP»СҗPSPs PePsPSC,CҗPsP»CҗHIP°C,Pē C,,C†PSPeC†C-C— PīPμC†C-PSPePē (PrPēPI. CҗPsP·PrC-P» B«PμPsP±C-C†PSC- CҗPμP°PeC†C-C—B»).

P—P°CГC,PsCГC†PIP°PSPSCҗ PīCҗPμPīP°CҗP°C,C† PīP°C†C-C”PSC,P°Pj C-P· P·P°C...PIPSCҗCҗHIP°PSPSCҗPjPē PīPμC†C-PSPePē: PīC-Pr C†P°CГ P»C-PeC†PIP°PSPSCҗ PjPμCҗPsPīPμPSPμPjPsPj C† PīP°C†C-C”PSC,C-PI P· C†P¶Pμ C-CГPSC†CҗC†PēPjPē P·P°C...PIPSCҗCҗHIP°PSPSCҗPjPē PīPμC†C-PSPePē CГP»C-Pr CҗPμC,PμP»СҗPSPs PePsPSC,CҗPsP»CҗHIP°C,Pē C,,C†PSPeC†C-C— PīPμC†C-PSPePē. PμPsCҗPēPīC†PIP°PSPSCҗ

PrPsP·Pë PiCḡPμPīP°CḡP°C,Cr PSPμ PiPsC,CḡC-P±PSPμ (PrPëPI. CḡPsP·PrC-P» B«PŸPīPsCḡC-P± P·P°CḡC,PsCḡCfPIP°PSPSCḡ C,P° PrPsP·PëB»).

PŸPμCḡPsPePsPSPIPμCḡCḡC-Cḡ PiCḡCḡPjPsPiPs P°PSC,PëPiP»PsP±CfP»C-PSPsPiPs C,PμCḡC,Cr (CḡPμP°PeCḡC-Cḡ PḡCfPjP±CḡP°)

P>C-PeCfPIP°PSPSCḡ PjPμCḡPsPīPμPSPμPjPsPj PjPsPḡPμ PiCḡPëP·PIPμCḡC,Pë PrPs PIPëPSPëPePSPμPSPSCḡ PiPsP·PëC,PëPIPSPsC— PiCḡCḡPjPsC—/PSPμPiCḡCḡPjPsC— CḡPμP°PeCḡC-C— PḡCfPjP±CḡP°.

PḡPrPSPsC±P°CḡPSPμ P·P°CḡC,PsCḡCfPIP°PSPSCḡ PjPμCḡPsPīPμPSPμPjCf C- PIP°P»CḡPiCḡPsC”PiPsC— PePëCḡP»PsC,Pë/PIP°P»CḡPiCḡPsP°C,Cḡ PSP°C,CḡC-Cḡ/PIP°P»CḡPiCḡPsPjC-PrCf PSPμ CḡPμPePsPjPμPSPrCfC”C,CḡCḡCḡ (PrPëPI. CḡPsP·PrC-P» B«P·P·P°C”PjPsPrC-Cḡ P·B C-PSCεPëPjPë P>C-PeP°CḡCḡCḡPePëPjPë P·P°CḡPsP±P°PjPë C,P° C-PSCεC- PIPëPrPë PIP·P°C”PjPsPrC-PNëB»).

PiPμPNë P>C-PeP°CḡCḡCḡPePëPNë P·P°CḡC-P± PjC-CḡC,PëC,Cḡ 90,2 PjPi/PrPsP·Cf PSP°C,CḡC-Cḡ. PŸP»C-Pr P±CfC,Pë PsP±PμCḡPμPḡPSPëPj PiCḡPë P·P°CḡC,PsCḡCfPIP°PSPSC- PNëPsPiPs PīP°CḡC-C”PSC,P°Pj, CḡPeC- PrPsC,CḡPëPjCfCḡC,CḡCḡCḡ PrC-C”C,Pë P· PePsPSC,CḡPsP»CḡPsPIP°PSPëPj PIPjC-CḡC,PsPj PSP°C,CḡC-Cḡ.

*P—P°CḡC,PsCḡCfPIP°PSPSCḡ Cḡ PiPμCḡC-PsPr PIP°PiC-C,PSPsCḡC,C- P°P±Ps PiPsPrCḡPIP°PSPSCḡ PiCḡCḡPrPrCḡ.*

*P’P°PiC-C,PSC-CḡC,Cḡ*

P”P°PSC- C°PsPrPs P·P°CḡC,PsCḡCfPIP°PSPSCḡ PjPμCḡPsPīPμPSPμPjCf PIP°PiC-C,PSPëPj PḡC-PSPeP°Pj PIC-PrCḡCfC,PSC- P°P±Ps C—C... PeC-P>CḡPeC-CḡC,Cḡ PsP±PjPμPḡPμPSP°.

P”PsCḡP»C-PrPḡPμPSPSCḡ PSP° C,PIP°CḡPëPSP°C... PSPμ PIPëCḡPIPëP»Pë PiCḡCḡPjPëC... P°P±Ps PsPiPsCḡPμCḡPμPrPePsPIP°PSPëC... PμC,,PμPeC,C-PI CḡPμPiCḡPsPrCfPeC,PëPIPSPsC— C,PsPeCḡPëC±PSPsCḡC,C-. PīPe P·P°PīPsP±C-PḡPSPëPNë P·P°C...C-Pr P±P°PḡP°PSPs CḡPSPëPeP°C,Pë P·P°CḡC,PsCḡCfPIP°PSPSCḡ PjPμCḡPsPīPμPSPμPjCf PiC-Pr CḡP°Cḡ PIP°PiC-C,PSPsCḡC,C-.

*P”PsPrCḡPIP°PSPSCḡ PiCḡCḡPrPrCḡ*

PμPsPIC-PrPsPjP»CḡP»PsCḡCḡ, C°Ps PSPμPIPμP»PëPeP° PeC-P»CḡPeC-CḡC,Cḡ PjPμCḡPsPīPμPSPμPjCf PiCḡPsPSPëPeP°C” Cr PiCḡCfPrPSPμ PjPsP»PsPePs P»CḡPrPëPSPë. PḡPμCḡPsPīPμPSPμPj PjPsPḡPSP° P·P°CḡC,PsCḡPsPICfPIP°C,Pë PiCḡPë P»P°PeC,P°CḡC-C— P»PëCεPμ Cr PIPëPīP°PrPeP°C..., CḡPeC°Ps PsCḡC-PeCfPIP°PSP° PePsCḡPëCḡC,Cḡ PrP»Cḡ PjP°C,PμCḡC- PīPμCḡPμPIPëC°CḡC” PiPsC,PμPSCḡC-PNëPSPëPNë CḡPëP·PëPe PrP»Cḡ PrPëC,PëPSPë.

*P—PrP°C,PSC-CḡC,Cḡ PIPiP»PëPIP°C,Pë PSP° CεPIPëPrPeC-CḡC,Cḡ CḡPμP°PeCḡC-C— PiCḡPë PePμCḡCḡPIP°PSPSC- P°PIC,PsC,CḡP°PSCḡPiPsCḡC,PsPj P°P±Ps C-PSCεPëPjPë PjPμC...P°PSC-P·PjP°PjPë.*

P”PsCḡP»C-PrPḡPμPSPSCḡ PIPiP»PëPICf PiCḡPμPīP°CḡP°C,Cr PSP° P·PrP°C,PSC-CḡC,Cḡ

PePμCḡCfPIP°C, Pë C, CḡP°PSCÍPíPsCḡC, PSPëPjPë P·P°CÍPsP±P°PjPë C, P° PíCḡP°C†CḡPIP°C, Pë P· C-PSC€PëPjPë PjPμC...P°PSC-P·PjP°PjPë PSPμ PíCḡPsPIPsPrPëP»Pë.

PμCḡPë PePμCḡCfPIP°PSPSC- P°PIC, PsC, CḡP°PSCÍPíPsCḡC, PsPj P°P±Ps CḡPsP±PsC, C- P· C-PSC€PëPjPë PjPμC...P°PSC-P·PjP°PjPë CḡPμPePsPjPμPSPPrCfC”C, CḡCÍCÍ PrPsC, CḡPëPjCfPIP°C, PëCÍCÍ PsCÍPsP±P»PëPIPsC— PsP±PμCḡPμP¶PSPsCÍC, C-, PICḡP°C...PsPICfCḡC†Pë PjPsP¶P»PëPIC-CÍC, Cḡ CḡPsP·PIPëC, PeCf PiPsP»PsPIPsP±PsP»Cḡ, PíP°CḡPμCÍC, PμP·C-PNë P°P±Ps CÍCfPrPsPj, PíCḡPs CÍPeC- PíPsPIC-PrPsPjP»CÍP»PsCÍCḡ PíCḡPë P·P°CÍC, PsCÍCfPIP°PSPSC- PjPμCḡPsPíPμPSPμPjCf.

**PŸPíPsCÍC-P± P·P°CÍC, PsCÍC¿PIP°PSPSCÍ C, P° PrPsP·Pë.**

P”PsP·CfPIP°PSPSCÍ

PkP°PIPμPrPμPSC- PSPëP¶C†Pμ C, P°P±P»PëC†C- PjC-CÍC, CÍC, Cḡ P·P°PíP°P»CḡPSC- CḡPμPePsPjPμPSPPrP°C†C-C— C%oPsPrPs PrPsP·CfPIP°PSPSCÍ P»C-PeP°CḡCÍCḡPePsPiPs P·P°CÍPsP±Cf.

P”PsP·P° PjPμCḡPsPíPμPSPμPjCf C- C, CḡPëPIP°P»C-CÍC, Cḡ P»C-PeCfPIP°PSPSCÍ P·P°P»PμP¶P°C, Cḡ PIC-Pr PIPëPrCf P·P±CfPrPSPëPeP° C...PIPsCḡPsP±Pë, C, CÍP¶PePsCÍC, C- P·P°C...PIPsCḡCḡPIP°PSPSCÍ C, P° PIC-PrPíPsPIC-PrC- PSP° P»C-PeCfPIP°PSPSCÍ.

PḡPμCḡPsPíPμPSPμPj PíCḡPë P·P°CÍC, PsCÍCfPIP°PSPSC- Cf PrPsP·C- PrPs 2 Pi 3 CḡP°P·Pë PSP° PrPsP±Cf Cf PrPsCḡPsCÍP»PëC... C, P° PrC-C, PμPNë P· PjP°CÍPsCḡ C, C-P»P° P±C-P»CḡC€Pμ 50 PePi C, P° Cf PrPsP·C- PrPs 40 PjPi/PePi 3 CḡP°P·Pë PSP° PrPsP±Cf Cf PrC-C, PμPNë PjPsP¶Pμ P±CfC, Pë PsCÍPsP±P»PëPIPs PrPsC†C-P»CḡPSPëPj PíCḡPë P»C-PeCfPIP°PSPSC- PrPμCÍPePëC... PIPëPrC-PI C-PSC,, PμPeC†C-PNë, CÍPíCḡPëC†PëPSPμPSPëC... PjPμPSC€ C†CfC, P»PëPIPëPjPë PIPëPrP°PjPë P±P°PeC, PμCḡC-PNë (PSP°PíCḡPëPeP»P°Pr, PIPëPrPë *Enterobacteriaceae, Pseudomonas aeruginosa, Acinetobacter*), P°P±Ps PíCḡPë PrCfP¶Pμ C, CÍP¶PePëC... C-PSC,, PμPeC†C-CÍC....

PkPμPsP±C...C-PrPSPs PrPsC, CḡPëPjCfPIP°C, PëCÍCÍ PrPsPrP°C, PePsPIPëC... CḡPμPePsPjPμPSPPrP°C†C-PNë C%oPsPrPs PrPsP·CfPIP°PSPSCÍ PíCḡPë P»C-PeCfPIP°PSPSC- PíP°C†C-C”PSC, C-PI C-P· PSPëCḡPePsPIPsCḡ PSPμPrPsCÍC, P°C, PSC-CÍC, Cḡ (PrPëPi, PSPëP¶C†Pμ).

PŸP°P±P»PëC†CÍ 1

P PμPePsPjPμPSPPrPsPIP°PSC- PrPsP·Pë PrP»CÍ PrPsCḡPsCÍP»PëC... C, P° PrC-C, PμPNë P· PjP°CÍPsCḡ C, C-P»P° P±C-P»CḡC€Pμ 50 PePi

P†PSC,, PμPeC†C-CÍ	PhPrPSPsCḡP°P·PsPIP° PrPsP·P° PrP»CÍ PIPIPμPrPμPSPSCÍ PePsP¶PSC- 8 PiPsPrPëPS
PμPSPμPIPjPsPSC-CÍ, Cf C, PsPjCf C†PëCÍP»C- PSPμPiPsCÍPíC-C, P°P»CḡPSP° C, P° PíPsCÍPíC-C, P°P»CḡPSP°	500 PjPi P°P±Ps 1 Pi
P·CḡPsPSC...PsP»PμPiPμPSPμPIC- C-PSC,, PμPeC†C-C— PíCḡPë PjCfPePsPIC-CÍC†PëPrPsP·C-	2 Pi

PJCI'PeP»P°PrPSPµPSC- C-PSC,,PµPeC†C-C— C†PµC†PsPIPëPIC-PrPSPëC... C€P»C¼C...C-PI	500 PjPi P°P±Ps 1 Pi
PJCI'PeP»P°PrPSPµPSC- C-PSC,CḡP°P°P±PrPsPjC-PSP°P»CH̄PSC- C-PSC,,PµPeC†C-C—	500 PjPi P°P±Ps 1 Pi
P†PSC,,PµPeC†C-C— PiC-Pr C†P°C† PiPsP»PsPiC-PI C- PiC-C†P»C¼PiPsP»PsPiPsPIC- C-PSC,,PµPeC†C-C—	500 PjPi P°P±Ps 1 Pi
PJCI'PeP»P°PrPSPµPSC- C-PSC,,PµPeC†C-C— C€PeC-CḡPë C- Pjḡḡ™ C¼PePëC... C,PeP°PSPëPS	500 PjPi P°P±Ps 1 Pi
P°PSC†C,CḡPëPNḡ P±P°PeC,PµCḡC-P°P»CH̄PSPëPNḡ PjPµPSC-PSPiC-C,	2 Pi
P·C-PeC†PIP°PSPSC¼ PiP°C†C-C°PSC,C-PI P· C,,PµP±CḡPëP»CH̄PSPsCḡ PSPµPNḡC,CḡPsPiPµPSC-C°Cḡ	1 Pi

PḡPµCḡPsPiPµPSPµPj C†P»C-Pr P·P°C†C,PsC†PsPIC†PIP°C,Pë C† PIPëPiP»C¼PrC-  
PIPSC†C,CḡC-C€PSCḡPsPIPµPSPSPsC— C-PSC,,C†P·C-C— C,CḡPëPIP°P»C-C†C,Cḡ PIC-Pr 15  
PrPs 30 C...PIPëP»PëPS. PḡCḡC-Pj C,PsPiPs, PrPsP·Pë PiCḡPµPiP°CḡP°C,C† PrPs 1 Pi PjPsP¶PSP°  
PIPIPsPrPëC,Pë C† PIPëPiP»C¼PrC- PIPSC†C,CḡC-C€PSCḡPsPIPµPSPSPsC—  
P±PsP»CḡC†PSPsC— C-PSḡḡ™ C°PeC†C-C— PiCḡPsC,C¼PiPsPj PiCḡPëP±P»PëP·PSPs 5  
C...PIPëP»PëPS. P°P°PSC- P· P±PµP·PiPµPePë, C°Ps PiC-PrC,PIPµCḡPrP¶C†CḡC,Cḡ  
PIPIPµPrPµPSPSC¼ PrPsCḡPsC†P»PëPj PiCḡPµPiP°CḡP°C,C† C† PrPsP·C- 2 Pi C†  
PIPëPiP»C¼PrC- PIPSC†C,CḡC-C€PSCḡPsPIPµPSPSPsC— P±PsP»CḡC†PSPsC—  
C-PSḡḡ™ C°PeC†C-C—, PsP±PjPµP¶PµPSC-.

*PµPsCḡCáC€PµPSPSC¼ C,,CáPSPeC†C-C— PSPëCḡPsPe*

PÿP°P±P»PëC†C¼ 2

*P PµPePsPjPµPSPPrPsPIP°PSC-B PrPsP·PëB PiCḡPµPiP°CḡP°C,Cá PrP»C¼ PrPsCḡPsC†P»PëC...  
C,P° PrC-C,PµPNḡ P· PjP°C†PsCḡ C,C-P»P° P±C-P»CH̄C€Pµ 50 PePi, C¼PeC°Ps  
PeP»C-CḡPµPSC† PeCḡPµP°C,PëPSC-PSCá Cá PiP°C†C-C°PSC,C-PI C†C,P°PSPsPIPëC,Cḡ  
PjPµPSC€Pµ 51 PjP»/C...PI*

PḡP»C-CḡPµPSC† PeCḡPµP°C,PëPSC-PSC† (PjP»/C...PI)	PḡPrPSPsCḡP°P·PsPIP° PrPsP·P° (PrPëPI. PÿP°P±P»PëC†Cḡ 1)	PḡP°C†C,PsC,P°
26-50	PiPsPIPSP° PsPrPSPsCḡP°P·PsPIP° PrPsP·P°	PePsP¶PSC- 12 PiPsPrPëPS
10-25	PiPsP»PsPIPëPSP° PsPrPSPsCḡP°P·PsPIP°C— PrPsP·Pë	PePsP¶PSC- 12 PiPsPrPëPS
< 10	PiPsP»PsPIPëPSP° PsPrPSPsCḡP°P·PsPIP°C— PrPsP·Pë	PePsP¶PSC- 24 PiPsPrPëPSPë

P°P°PSC-, C°Ps PiC-PrC,PIPµCḡPrP¶C†CḡC,Cḡ P·P°C†C,PsC†C†PIP°PSPSC¼  
PIPeP°P·P°PSPëC... C† PÿP°P±P»PëC†C- 2 PrPsP· PiCḡPµPiP°CḡP°C,C†,  
PIC-PrPePsCḡPëPiPsPIP°PSPëC... PSP° PsPrPëPSPëC†Cḡ PrPsP·Pë 2 Pi, PsP±PjPµP¶PµPSC-.

PḡPµCḡPsPiPµPSPµPj PIPëPIPsPrPëC,CH̄C†C¼ P·P° PrPsPiPsPjPsPiPsCḡ

PiPμPjPsPrC-P°P»C-P·Cf C,P° PiPμPjPsC,,C-P»CHC,CḡP°C†C-C—, C,PsPjCf  
 PSPμPsP±C...C-PrPSCf PrPsP·Cf PiCḡPμPiP°CḡP°C,Cf C†P»C-Pr PIPiPsPrPëC,Pë PiC-C†P»C†  
 P·P°PIPμCḡCεPμPSPSC† PiCḡPsC†PμPrCfCḡPë PiPμPjPsPrC-P°P»C-P·Cf.

P PμPePsPjPμPSPPrP°C†C-PNε C%oPsPrPs PIC†C,P°PSPsPIP»PμPSPsC— PrPsP·Pë  
 PiCḡPμPiP°CḡP°C,Cf PrP»C† PiP°C†C-C”PSC,C-PI, C†PeC- PsC,CḡPëPjCfCḡC,CH  
 PiPμCḡPëC,PsPSPμP°P»CHPSPëPNε PrC-P°P»C-P·, PSPμPjP°C”.

*PμPsCḡCzCεPμPSPSC† C,,CzPSPeC†C-C— PiPμCzC-PSPePë*

P”P»C† PiP°C†C-C”PSC,C-PI C-P· PiPsCḡCfCεPμPSPSC†PjPë C,,CfPSPeC†C-C— PiPμCzC-PSPePë  
 PePsCḡPëPiCfPIP°PSPSC† PrPsP·Pë PiCḡPμPiP°CḡP°C,Cf PSPμ PiPsC,CḡC-P±PSPμ (PrPëPI.  
 CḡPsP·PrC-P» B«PḡC†PsP±P»PëPIPsC†C,C-B P·P°C†C,PsC†CfPIP°PSPSC†B»).

*P”PsP·CzPIP°PSPSC† PrP»C† PiP°C†C-C”PSC,C-PI P»C-C,PSCHPsPiPs PIC-PeCz*

P”P»C† PiP°C†C-C”PSC,C-PI P»C-C,PSCHPsPiPs PIC-PeCf P· PSPsCḡPjP°P»CHPSPsCḡ  
 C,,CfPSPeC†C-C”Cḡ PSPëCḡPsPe P°P±Ps P·C- P·PSP°CzPμPSPSC†PjPë PeP»C-CḡPμPSC†Cf  
 PeCḡPμP°C,PëPSC-PSCf PIPëC%oPμ 50 PjP»/C...PI PePsCḡPëPiCfPIP°PSPSC† PrPsP·Pë PSPμ  
 PiPsC,CḡC-P±PSPμ.

*P”C-C,Pë PIC-PePsPj PrPs 3 PjC-C†C†C†C-PI*

PkPμPjP°C” PrP°PSPëC... PiCḡPs P±PμP·PiPμPeCf C,P° PμC,,PμPeC,PëPIPsC-C†C,CH  
 P·P°C†C,PsC†CfPIP°PSPSC† PjPμCḡPsPiPμPSPμPjCf PrC-C,C†Pj PIC-PePsPj PrPs 3  
 PjC-C†C†C†C-PI, C- PsPiC,PëPjP°P»CHPSPëPNε CḡPμP¶PëPj PrPsP·CfPIP°PSPSC† PSPμ  
 PIC†C,P°PSPsPIP»PμPSPëPNε. P†C†PSCfCḡC,CH PsP±PjPμP¶PμPSC-  
 C,,P°CḡPjP°PePsPeC-PSPμC,PëCzPSC- PrP°PSC-, C†PeC- PsP±T’CḡCfPSC,PsPICfCḡC,CH  
 P·P°C†C,PsC†CfPIP°PSPSC† PrPsP·Pë PjPμCḡPsPiPμPSPμPjCf 20 PjPi/PePi PePsP¶PSC- 8  
 PiPsPrPëPs (PrPëPI. CḡPsP·PrC-P» B«PαP°CḡPjP°PePsPeC-PSPμC,PëPeP°B»).

PÿP°P±P»PëC†C† 3

*P PμPePsPjPμPSPPrPsPIP°PSC- PrPsP·Pë PiCḡPμPiP°CḡP°C,Cz PrP»C† PrC-C,PμPNε PIC-PePsPj  
 PIC-Pr 3 PjC-C†C†C†C-PI PrPs 11 CḡPsPeC-PI C- P· PjP°C†PsCḡ C,C-P»P° PrPs 50 PePi*

P†PSC,,PμPeC†C-C†	PḡPrPSPsCḡP°P·PsPIP° PrPsP·P° PrP»C† PIPiPμPrPμPSPSC† PePsP¶PSC- 8 PiPsPrPëPS
PμPSPμPIPjPsPSC-C†, Cf C,PsPjCf CzPëC†P»C- PSPμPiPsC†PiC-C,P°P»CHPSP° C,P° PiPsC†PiC-C,P°P»CHPSP°	10 P°P±Ps 20 PjPi/PePi PjP°C†Pë C,C-P»P°
P’CḡPsPSC...PsP»PμPiPμPSPμPIC- C-PSC,,PμPeC†C-C— PiCḡPë PjCfPePsPIC-C†C†PëPrPsP·C-	40 PjPi/PePi PjP°C†Pë C,C-P»P°
PjC†PeP»P°PrPSPμPSC- C-PSC,,PμPeC†C-C— C†PμCzPsPIPëPIC-PrPSPëC... CεP»C†C...C-PI	10 P°P±Ps 20 PjPi/PePi PjP°C†Pë C,C-P»P°
PjC†PeP»P°PrPSPμPSC- C-PSC,CḡP°P°P±PrPsPjC-PSP°P»CHPSC- C-PSC,,PμPeC†C-C—	10 P°P±Ps 20 PjPi/PePi PjP°C†Pë C,C-P»P°
PjC†PeP»P°PrPSPμPSC- C-PSC,,PμPeC†C-C— CεPeC-CḡPë C- Pjḡḡ™ C†PePëC... C,PeP°PSPëPS	10 P°P±Ps 20 PjPi/PePi PjP°C†Pë C,C-P»P°

P"PsCfC, CjPëPNë P±P°PeC, PµCjC-P°P»CHbPSPëPNë PjPµPSC-PSPiC-C,	40 PjPi/PePi PjP°CfPë C,C-P»P°
P»C-PeCfPIP°PSPSCj PïP°CfC-C" PSC,C-PI P· C,, PµP±CjPëP»CHbPSPsCj PSPµPNëC, CjPsPïPµPSC-C" Cj	20 PjPi/PePi PjP°CfPë C,C-P»P°

P" C-C, Pë P· PjP° CfPsCj C,C-P»P° P±C-P»CHbCεPµ 50 PePi

PjP»C-Pr P·P° CfC, PsCfPsPICfPIP°C, Pë PrPsP·Cf CjPe PrP»Cj PrPsCjPsCfP»PëC...  
PïP°CfC-C" PSC,C-PI.

P"PsCfPIC-PrCf P·P° CfC, PsCfCfPIP°PSPSCj PïCjPµPïP°CjP°C, Cf PrC-C, CjPj C-P·  
PïPsCjCfCεPµPSPSCjPjPë C,, CfPSPeCfC-C— PSPëCjPsPe PSPµPjP°C".

PjPïPsCfC-P± P·P° CfC, PsCfCfPIP°PSPSCj

PµPµCjPsPïPµPSPµPj P·P°P·PIPëCfP°PNë P·P° CfC, PsCfPsPICfCjC, CHb CεP»CjC...PsPj  
PIPSCfC, CjC-CεPSCjPsPïPµPSPSPsC— C-PSC,, CfP·C-C— C, CjPëPIP°P»C-CfC, Cj PIC-Pr 15  
PrPs 30 C...PIPëP»PëPS. PµCjC-Pj C, PsPiPs, PrPsP·Pë PjPµCjPsPïPµPSPµPjCf PrPs 20 PjPi/PePi  
PjPsPµCfC, CHb P±CfC, Pë PïPµPrPµPSC- CεP»CjC...PsPj  
PIPSCfC, CjC-CεPSCjPsPïPµPSPSPsC— P±PsP»CjCfPSPsC— C-PSbTj™ C"PeCfC-C—  
PïCjPsC, CjPiPsPj PïCjPëP±P»PëP·PSPs 5 C...PIPëP»PëPS. P"°PSC- P· P±PµP·PïPµPePë, C%°Ps  
PïC-PrC, PïPµCjPrPµCfCjC, CHb PïPµPrPµPSPSCj PrC-C, CjPj PïCjPµPïP°CjP°C, Cf PI  
PrPsP·C- 40 PjPi/PePi CεP»CjC...PsPj PIPSCfC, CjC-CεPSCjPsPïPµPSPSPsC—  
P±PsP»CjCfPSPsC— C-PSbTj™ C"PeCfC-C—, PsP±PjPµPµPSC-

PµCjPsPïPµPrPµPSPSCj PIPSCfC, CjC-CεPSCjPsPïPµPSPSPsC— P±PsP»CjCfPSPsC—  
C-PSbTj™ C"PeCfC-C—

P PsP·CfPëPS PrP»Cj P±PsP»CjCfPSPsC— C-PSbTj™ C"PeCfC-C— CfP»C-Pr PiPsC, CfPIP°C, Pë  
CεP»CjC...PsPj CjPsP·CfPëPSPµPSPSCj P»C-PeP°CjCfCHbPePsPiPs P·P° CfPsP±Cf Cf PIPsPrC-  
PrP»Cj C-PSbTj™ C"PeCfC-PNë PrPs PsC, CjPëPjP°PSPSCj PePsPSCfPµPSC, CjP°CfC-C— 80  
PjPi/PjP».

PfC-PjC-CfPSP° C- C,, C-P·PëCfPSP° CfC, P°P±C-P»CHbPSC-CfC, CHb  
PïCjPëPiPsC, PsPIP°PSPSiPs CjPsP·CfPëPSCf PrP»Cj P±PsP»CjCfPSPsC—  
C-PSbTj™ C"PeCfC-C— P±CfP»P° PïCjPsPrPµPjPsPSCfC, CjPsPIP°PSP° PïCjPsC, CjPiPsPj  
3 PiPsPrPëPS PïCjPë C, PµPjPïPµCjP°C, CfCjC- PrPs 25 B°Pj P°P±Ps 12 PiPsPrPëPS PïCjPë  
P·P±PµCjC-PiP°PSPSC- Cf C...PsP»PsPrPëP»CHbPSPëPeCf (2bTj"8 B°Pj).

P— PjC-PeCjPsP±C-PsP»PsPiC-CfPSPsC— C, PsCfPePë P·PsCjCf, CjPeC%°Ps PjPµC, PsPr  
PIC-PrPeCjPëC, C, Cj/PIC-PrPSPsPïPµPSPSCj/CjPsP·PïPµPrPµPSPSCj PSPµ  
PïPëPeP»CjCfP°C" CjPëP·PëPeCf PjC-PeCjPsP±C-PsP»PsPiC-CfPSPsPiPs  
P·P°P±CjCfPrPSPµPSPSCj, P»C-PeP°CjCfCHbPePëPNë P·P° CfC-P± PSPµPsP±C...C-PrPSPs  
PïPëPePsCjPëCfC, P°C, Pë PSPµPïP°PNëPSPs.

PïPeC%°Ps P»C-PeP°CjCfCHbPePëPNë P·P° CfC-P± PsPrCjP°P·Cf Pµ PSPµ  
PïPëPePsCjPëCfC, P°PSPs, CfP»C-Pr CjPµC, PµP»CHbPSPs PePsPSC, CjPsP»CjPIP°C, Pë



P' PsCfC-P± P· PSPsCfPjP°P»CHbPSPsCf C,,CfPSPeCfC-C"cf PSPëCfPSPe  
PIC-PrP±CfPIP°C"C,CHbCfCf C€PIPëPrPePµ PIPëPIPµPrPµPSPSCf PïCfPµPïP°CfP°C,Cf  
PSPëCfPeP°PjPë.

PµPµCfPSPiPµPSPµPj C- PñPsPiPs PjPµC,P°P±PsP»C-C,Pë PIPëPIPPrCfC,CfCfCf P·  
PsCfPiP°PSC-P·PjCf PïC-Pr C±P°Cf PïPµPjPsPrC-P°P»C-P·Cf.

**PµPsP±C-C±PSC- CfPµP°PeCfC-C—.**

Pj PïCfPSPcPµCfC- PsPiP»CfPrCf PrP°PSPëC... 4872 C-P· 5026 PïP°CfC-C"PSC,C-PI C%PsPrPs  
PIPïP»PëPICr P»C-PeCfPIP°PSPSCf PjPµCfPSPiPµPSPµPjPsPj PSP°PñC±P°CfC,C-C€PëPjPë  
PSPµP±P°P¶P°PSPëPjPë CfPµP°PeCfC-CfPjPë, PïPsPIbF™ CfP·P°PSPëPjPë C-P·  
P·P°CfC,PsCfCfPIP°PSPSCfPj PjPµCfPSPiPµPSPµPjCf, P±CfP»Pë PrC-P°CfPµCf (2,3 %),  
PIPëCfPëPïP°PSPSCf (1,4 %), PSCfPrPsC,P°/P±P»CfPIP°PSPSCf (1,4 %) C,P°  
P·P°PïP°P»PµPSPSCf Cf PjC-CfCfC- PIPµPrPµPSPSCf C-PSbF™ C"PeCfC-C— (1,1 %).  
PñP°PñC±P°CfC,C-C€PëPjPë PSPµP±P°P¶P°PSPëPjPë, PïPsPIbF™ CfP·P°PSPëPjPë C-P·  
P·P°CfC,PsCfCfPIP°PSPSCfPj PjPµCfPSPiPµPSPµPjCf CfPIPëC%P°PjPë P· P±PsPeCf  
P»P°P±PsCfP°C,PsCfPSPëC... PïPsPeP°P·PSPëPeC-PI, PïCfPSP CfPeC-  
PïPsPIC-PrPsPjP»CfP»PsCfCf, P±CfP»Pë C,CfPSPjP±PsCfPëC,PsP· (1,6 %) C,P°  
PïC-PrPIPëC%PµPSPSCf CfC-PIPSC-PI PïPµCfC-SPePsPIPëC... C,,PµCfPjPµPSC,C-PI  
(1,5-4,3 %).

Pj PSP°PIPµPrPµPSC-Pñ PSPëP¶C±Pµ C,P°P±P»PëCfC- PICfC- PïPsP±C-C±PSC-  
CfPµP°PeCfC-C— P·P°P·PSP°C±PµPSC- P·P° PeP»P°CfP°PjPë CfPëCfC,PµPj PsCfPiP°PSC-PI C-  
C±P°CfC,PsC,PsCf: PrCfP¶Pµ C±P°CfC,Ps (≥ 1/10); C±P°CfC,Ps (PIC-Pr ≥ 1/100 PrPs < 1/10);  
PSPµC±P°CfC,Ps (PIC-Pr ≥ 1/1000 PrPs < 1/100); CfC-PrPePs (PIC-Pr ≥ 1/10000 PrPs  
< 1/1000); PrCfP¶Pµ CfC-PrPePs (< 1/10000); C±P°CfC,PsC,P° PSPµPIC-PrPsPjP° (PSPµ  
PjPsP¶PSP° PsCfC-PSPëC,Pë PSP° PsCfPSPsPIC- PSP°CfPIPSPëC... PrP°PSPëC...). Pj  
PjPµP¶P°C... PePsP¶PSPsC— PïCfCfPïPë P·P° C±P°CfC,PsC,PsCf PïPsP±C-C±PSC-  
CfPµP°PeCfC-C— P·P°P·PSP°C±PµPSC- Cf PïPsCfCfPrPeCf P·PjPµPSC€PµPSPSCf  
PïCfPSPCfPIC-PI.

PfPSC,,PµPeCfC-C— C,P° C-PSPIP°P·C-C—: PSPµC±P°CfC,Ps bF" PsCfP°P»CHbPSPëPñ C,P°  
PIP°PiC-PSP°P»CHbPSPëPñ PeP°PSPPrPëPrPsP·.

P— P±PsPeCz PeCfPSPIC- C,P° P»C-PjC,,P°C,PëC±PSPsC— CfPëCfC,PµPjPë: C±P°CfC,Ps bF"  
C,CfPSPjP±PsCfPëC,PµPjC-Cf; PSPµC±P°CfC,Ps bF" PµPsP·PëPSPsC,,C-P»C-Cf,  
C,CfPSPjP±PsCfPëC,PsPïPµPSC-Cf, P»PµPñPePsPïPµPSC-Cf, PSPµPñC,CfPSPiPµPSC-Cf,  
P°PïCfP°PSCfP»PsCfPëC,PsP·, PïPµPjPsP»C-C,PëC±PSP° P°PSPµPjC-Cf.

P— P±PsPeCz C-PjCzPSPSPsC— CfPëCfC,PµPjPë: PSPµC±P°CfC,Ps bF"  
P°PSPiC-PsPSPµPICfPSPsC,PëC±PSPëPñ PSP°P±CfCfPe, P°PSP°C,,C-P»P°PeC,PëC±PSP°  
CfPµP°PeCfC-Cf (PrPëPI. CfPSP·PrC-P»Pë B«PµCfPSPsC,PëPïPsPeP°P·P°PSPSCfB» C,P°  
B«PñCfPSP±P»PëPIPSCfC,C- P·P°CfC,PsCfCfPIP°PSPSCfB»).

PµCfPëC...C-C±PSC- CfPSP·P»P°PrPë: CfC-PrPePs bF" PrPµP»C-CfC-Pñ.

P— P±PsPeCz PSPµCfPIPSPsC— CfPëCfC,PµPjPë: C±P°CfC,Ps bF" PïPsP»PsPIPSPëPñ  
P±C-P»CHb; PSPµC±P°CfC,Ps bF" PïP°CfPµCfC,PµP·C-C—; CfC-PrPePs bF" CfCfPrPsPjPë  
(PrPëPI. CfPSP·PrC-P» B«PñCfPSP±P»PëPIPSCfC,C- P·P°CfC,PsCfCfPIP°PSPSCfB»).

*P— P±PsPeCž C€P»CžPSPePsPIPs-PePëC€PePsPIPsPiPs C,CTHP°PeC,Cž: CžP°CÍC,Ps BĤ“ PrC-P°CTHPμCĪ, P±P»CHPIP°PSPSCĪ, PSCÍPrPsC,P°, P±C-P»CHĤ Cr P¶PëPIPsC,C-; PSPμCžP°CÍC,Ps BĤ“ PePsP»C-C,, P°CÍPsC†C-PNēPsPIP°PSPëPNē C-P· P·P°CÍC,PsCÍC†PIP°PSPSCĪPj P°PSC,PëP±C-PsC,PëPeC-PI (PrPëPI. CTĤPsP·PrC-P» B«PhCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PsCÍC†PIP°PSPSCĪB»).*

*P— P±PsPeCž PiPμCžC-PSPePë C,P° P¶PsPICžPsPIPëPIC-PrPSPëC... C€P»CĪC...C-PI: CžP°CÍC,Ps BĤ“ Pïc-PrPIPëC%oPμPSPSCĪ CTĤC-PIPSCĪ C,CTHP°PSCÍP°PjC-PSP°P·, Pïc-PrPIPëC%oPμPSPSCĪ CTĤC-PIPSCĪ P»C†P¶PSPsC— C,,PsCÍC,,P°C,P°P·Pë Cr PeCTĤPsPIC-, Pïc-PrPIPëC%oPμPSPSCĪ CTĤC-PIPSCĪ P»P°PeC,P°C,PrPμPiC-PrCTĤPsPiPμPSP°P·Pë Cr PeCTĤPsPIC-; PSPμCžP°CÍC,Ps BĤ“ Pïc-PrPIPëC%oPμPSPSCĪ CTĤC-PIPSCĪ P±C-P»C-CTĤC†P±C-PSCÍ PI PeCTĤPsPIC-.*

*P— P±PsPeCž C€PeC-CTĤPë C,P° Pïc-PrC€PeC-CTĤPSPsC— C,PeP°PSPëPSPë: CžP°CÍC,Ps BĤ“ PIPëCÍPëPiP°PSPSCĪ, CÍPIPμCTĤP±C-P¶; PSPμCžP°CÍC,Ps BĤ“ PeCTĤPsPiPëPIBĤ™ CĪPSPeP°, C,PsPeCÍPëCžPSPëPNē PμPïc-PrPμCTĤPjP°P»CHPSPëPNē PSPμPeCTĤPsP»C-P·, CÍPëPSPrCTĤPsPj PŸC,C-PIPμPSCÍP°-P”P¶PsPSCÍPsPSP°, PjC†P»CHĤC,PëC,,PsCTĤPjPSP° PμCTĤPëC,PμPjP° (PrPëPI. CTĤPsP·PrC-P» B«PhCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PsCÍC†PIP°PSPSCĪB»); CžP°CÍC,PsC,P° PSPμPIC-PrPsPjP° BĤ“ PjPμPrPëPeP°PjPμPSC,PsP·PSP° P°P»PμCTĤPiC-CĪ P· PμPsP·PëPSPsC,,C-P»C-C”CĤ C- CÍPëCÍC,PμPjPSPëPjPë CÍPëPjPïc,PsPjP°PjPë (DRESS- CÍPëPSPrCTĤPsPj), PiPsCÍC,CTĤPëPNē PiPμPSPμCTĤP°P»C-P·PsPIP°PSPëPNē PμPeP·P°PSC,PμPjP°C,PsP·PSPëPNē PïcCÍC,C†P»CHĤPsP· (PrPëPI. CTĤPsP·PrC-P» B«PhCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PsCÍC†PIP°PSPSCĪB»).*

*P— P±PsPeCž PSPëCTĤPsPe C- CÍPμCžPsPIPëPIC-PrPSPëC... C€P»CĪC...C-PI: PSPμCžP°CÍC,Ps BĤ“ Pïc-PrPIPëC%oPμPSPSCĪ CTĤC-PIPSCĪ PeCTĤPμP°C,PëPSC-PSCÍ PI PeCTĤPsPIC-, Pïc-PrPIPëC%oPμPSPSCĪ CTĤC-PIPSCĪ CÍPμCžPsPIPëPSPë PI PeCTĤPsPIC-.*

*P— P°PiP°P»CHPSC- CTĤPsP·P»P°PrPë C,P° CÍC,P°PSPë Cž PjC-CÍC†C- PIPIPμPrPμPSPSCĪ PïcCTĤPμPiP°CTĤP°C,Cž: CžP°CÍC,Ps BĤ“ P·P°PiP°P»PμPSPSCĪ, P±C-P»CHĤ; PSPμCžP°CÍC,Ps - C,CTĤPsPjP±PsC,,P»PμP±C-C,, P±C-P»CHĤ Cr PjC-CÍC†C- C-PSBĤ™ C”PeC†C-C—.*

*PhP±PjPμP¶PμPSP° PeC-P»CHĤPeC-CÍC,CHĤ PrPsCÍC,C†PiPSPëC... PrP°PSPëC... PSPμ PjC-CÍC,PëC,CHĤ PrPsPeP°P·C-PI P·P±C-P»CHĤC€PμPSPSCĪ CTĤPëP·PëPeC† PiPsP±C-CžPSPëC... CĪPIPëC%o Cr PrC-C,PμPNē. PjCÍC- PsC,CTĤPëPjP°PSC- PiPsPIC-PrPsPjP»PμPSPSCĪ PIC-PrPiPsPIC-PrP°P»Pë PiPsP±C-CžPSPëPj CTĤPμP°PeC†C-CĪPj, CÍPiPsCÍC,PμCTĤPμP¶C†PIP°PSPëPj Cr PrPsCTĤPsCÍP»PëC... PiP°C†C-C”PSC,C-PI.*

*PŸPëPSPrCTĤPsPj PľPsCžPSC-CÍP°*

*PμPsPIC-PrPsPjP»CĪP»PsCÍCĪ PïcCTĤPs CTĤPsP·PIPëC,PsPe PiPsCÍC,CTĤPsPiPs PePsCTĤPsPSP°CTĤPSPsPiPs CÍPëPSPrCTĤPsPjC†, PiPsPIBĤ™ CĪP·P°PSPsPiPs P· P°P»PμCTĤPiC-CžPSPsCĤ CTĤPμP°PeC†C-C”CĤ (CÍPëPSPrCTĤPsPj PľPsC†PSC-CÍP°), PïcCTĤPë P·P°CÍC,PsCÍC†PIP°PSPSC- C-PSC€PëC... P±PμC,P°-P»P°PeC,P°PjPSPëC... P°PSC,PëP±C-PsC,PëPeC-PI (PrPëPI. CTĤPsP·PrC-P» B«PhCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PsCÍC†PIP°PSPSCĪB»).*

*PμPsPIC-PrPsPjP»PμPSPSCĪ PïcCTĤPsB PiPsP±C-CžPSC- CTĤPμP°PeC†C-C—*

*PμPsPIC-PrPsPjP»PμPSPSCĪ PïcCTĤPs PiPsP±C-CžPSC- CTĤPμP°PeC†C-C— Pïc-CÍP»CĪ CTĤPμC”CÍC,CTĤP°C†C-C— P»C-PeP°CTĤCÍCHĤPePsPiPs P·P°CÍPsP±C† PjP°C” PIPμP»PëPePμ*

P·PSP°C±PµPSPSCЦ. P|Pµ Pr°C” P·PjPsPiCf PiCḡPsPIPsPrPëC, Pë PjPsPSC-C, PsCḡPëPSPi  
CfPiC-PIPIC-PrPSPsCεPµPSPSCЦ PePsCḡPëCfC, Cḡ/CḡPëP·PëPe PiCḡPë  
P·P°CfC, PsCfCfPIP°PSPSC- C†CḡPsPiPs P»C-PeP°CḡCfCḡPePsPiPs P·P°CfPsP±Cf.  
PḡPµPrPëC±PSPëPj C, P° C,, P°CḡPjP°C†PµPIC, PëC±PSPëPj PiCḡP°C†C-PIPSPëPeP°Pj, P°  
C, P°PePsP¶ PiP°C†C-C”PSC, P°Pj P°P±Ps C—C...PSC-Pj P·P°PePsPSPSPëPj  
PiCḡPµPrCfC, P°PIPSPëPeP°Pj CfP»C-Pr PiPsPIC-PrPsPjP»CЦC, Pë PiCḡPs CfCfC-  
PIPëPiP°PrPePë PiC-PrPsP·CḡCḡPIP°PSPëC... PiPsP±C-C±PSPëC... CḡPµP°PeC†C-PNë C, P°  
PIC-PrCfCfC, PSPsCfC, C- PµC,, PµPeC, PëPIPSPsCfC, C- P»C-PeP°CḡCfCḡPePsPiPs P·P°CfPsP±Cf  
C±PµCḡPµP· PḡPIC, PsPjP°C, PëP·PsPIP°PSCf C-PSC,, PsCḡPjP°C†C-PNëPSCf CfPëCfC, PµPjCf P·  
C,, P°CḡPjP°PePsPSP°PiP»CЦPrCf P·P° PiPsCfPëP»P°PSPSCЦPj: <https://aisf.dec.gov.ua>.

**PḡPµCḡPjC-PS PiCḡPëPrP°C, PSPsCfC, C-.** 2 CḡPsPePë.

**PjPjPsPIPë P·P±PµCḡC-PiP°PSPSCЦ.**

P—P±PµCḡC-PiP°C, Pë PI PsCḡPëPiC-PSP°P»CḡPSC-PNë CfPiP°PePsPIC†C- PiCḡPë  
C, PµPjPiPµCḡP°C, CfCḡC- PSPµ PIPëC%Pµ 30 B°PŸ. P—P±PµCḡC-PiP°C, Pë Cf  
PSPµPrPsCfC, CfPiPSPsPjCf PrP»CЦ PrC-C, PµPNë PjC-CfC†C-. PkPµ P·P°PjPsCḡPsP¶CfPIP°C, Pë.

PḡPrPëPS C,, P»P°PePsPS PiCḡPëP·PSP°C±PµPSPëPNë C, C-P»CḡPePë PrP»CЦ  
PsPrPSPsCḡP°P·PsPIPsPiPs PIPëPePsCḡPëCfC, P°PSPSCЦ.

PµCḡPë PiCḡPëPiPsC, CfPIP°PSPSC- CḡPsP·C±PëPSCf C- PiC-Pr C±P°Cf PNëPsPiPs  
P·P°CfC, PsCfCfPIP°PSPSCЦ CfP»C-Pr PIPëPePsCḡPëCfC, PsPICfPIP°C, Pë  
CfC, P°PSPPrP°CḡC, PSC- P°CfPµPiC, PëC±PSC- PjPµC, PsPrPë CḡPsP±PsC, Pë.

P PsP·C±PëPS CfP»C-Pr CfC, CḡCfCfPëC, Pë PiPµCḡPµPr PIPëPePsCḡPëCfC, P°PSPSCЦPj.

P’CfPrCḡC-CЦPePëPNë PSPµPIPëPePsCḡPëCfC, P°PSPëPNë PiCḡPsPrCfPeC, P°P±Ps  
PIC-PrC...PsPrPë PSPµPsP±C...C-PrPSPs CfC, PëP»C-P·CfPIP°C, Pë PIC-PrPiPsPIC-PrPSPs PrPs  
P»PsPeP°P»CḡPSPëC... PIPëPjPsPi.

**PkPµCfCžPjC-CfPSC-CfC, Cḡ.**

PḡPµCḡPsPiPµPSPµPj PSPµ CfP»C-Pr P·PjC-CεCfPIP°C, Pë P°P±Ps PrPsPrP°PIP°C, Pë PrPs  
C-PSCεPëC... P»C-PeP°CḡCfCḡPePëC... P·P°CfPsP±C-PI.

PḡPµCḡPsPiPµPSPµPj, CЦPePëPNë P±CfPrPµ PIPëPePsCḡPëCfC, PsPICfPIP°C, PëCfCЦ PrP»CЦ  
P±PsP»CḡCfPSPëC... PIPSCfC, CḡC-CεPSCḡPsPIPµPSPSPëC... C-PSBḡ™ C”PeC†C-PNë, CfP»C-Pr  
PIC-PrPSPsPIP»CḡPIP°C, Pë Cf CfC, PµCḡPëP»CḡPSC-PNë PIPsPrC- PrP»CЦ  
C-PSBḡ™ C”PeC†C-PNë.

PḡPµCḡPsPiPµPSPµPj Cf C,, P»P°PePsPSP°C... PrP»CЦ PIPSCfC, CḡC-CεPSCḡPsPIPµPSPSPëC...  
C-PSC,, CfP·C-PNë PjPsP¶PSP° P±PµP·PiPsCfPµCḡPµPrPSCḡPs PIC-PrPSPsPIPëC, Pë Cf 0,9 %  
CḡPsP·C±PëPSC- PSP°C, CḡC-Cḡ C...P»PsCḡPëPrCf P°P±Ps 5 % CḡPsP·C±PëPSC-  
PiP»CḡPePsP·Pë PrP»CЦ PiCḡPsPIPµPrPµPSPSCЦ C-PSC,, CfP·C-PNë.

**PJPI°PePsPIPe°.** PμPsCḡPsCεPsPe Cr CÍPeP»CIPSPsPjCr C,,P»P°PePsPSC-, C%oPs P·P°PeCḡPëPIP°C”C,CḡCÍCḡ PiCíPjPsPIPsCḡ PiCḡPsP±PePsCḡ C,P° P°P»CḡPjC-PSC-C”PIPëPj PePsPIPI°C±PePsPj P· PePsPjPíPsPSPμPSC,PSPj B«C,,P»C-Pi-PsC,,B», PíPs PsPrPSPsPjCr C,,P»P°PePsPSCí PI PePsCḡPsP±C†C-.

**PḡP°C,PμPiPsCḡC-Cḡ PIC-PrPiCíCÍPeCr.** P—P° CḡPμC†PμPíC,PSPj.

**P’PëCḡPsP±PSPëPe.**

P’CḡCíPeCÍ PŸC,PμCḡC-CÍP°PNεC”PSCÍ P>C-PjC-C,PμPr.

**PḡC-CÍC†PμP·PSP°C...PsPrP¶PμPSPSCḡ PIPëCḡPsP±PSPëPe° C,P° P°PrCḡPμCÍP° PjC-CÍC†Cḡ PíCḡPsPIP°PrP¶PμPSPSCḡ PNεPsPiPs PrC-CḡP»CḡPSPsCÍC,C-.**

P’P»PsPe B,,- PŸCḡCḡPIPμPNε B,,- 61/62, PḡP°PSPiP»PμPrP¶ P’C-P»PμPrP¶, PkP°CḡPμCεPIP°Cḡ P PsCíPr, PḡP°CḡPrP¶P°PS PŸP°P»CíPeP°, P’P°PrPsPrP°CḡP°, 391243, P†PSPrC-Cḡ.

**P—P°CḡPIPSPëPe.**

PḡPSP°PSC,P° PḡPμPrC-PεPμP°Cḡ P>C,Pr.

**PḡC-CÍC†PμP·PSP°C...PsPrP¶PμPSPSCḡ P·P°CḡPIPSPëPe° C,P°/P°P±Ps PíCḡPμPrCÍC,P°PIPSPëPe° P·P°CḡPIPSPëPe°.**

PŸCḡCḡC, 1, 2 PŸC,PμPNεCεPS PḡPsCḡC,, P†PjPíPμCḡC-P°P» P’P°CḡC,,, PŸP°CíPSPjPμPr P PsP°Pr, PαCíP»C...P°Pj, P>PsPSPrPsPS, P’PμP»PëPeP° P’CḡPëC,P°PSC-Cḡ.