

**Р†РќРЎРЎР РЈРЉРІР†РІ**

**РrP»CII PjPμPгPөC±PSPsPiPs P·P°CГC,PsCГCfPIP°PSPSCII P»C-PeP°CГCГЧPөPsPiPs  
P·P°CГPsP±Cf**

**РњРћРЉРЎРћРЎР•РќРЎ**

**(MOKSOTENS)**

**РЎРөP»P°Pг:**

PrC-ЧКC±P° CГPμC±PsPIPөPSP°: PjPsPeCГPsPSC-PrPөPS;

1 C,P°P±P»PμC,PeP° PjC-CГC,PөC,ЧP PjPsPeCГPsPSC-PrPөPSCf, PI PиPμCГPμCГP°C...CfPSPөCf  
PSP° 100 % CГPμC±PsPIPөPSCf 0,2 PjPi P°P±Ps 0,4 PjPi;

PrPsPiPsPjC-P¶PSC- CГPμC±PsPIPөPSPө: P»P°PeC,PsP·P°, PjPsPSPsPiC-PrCГP°C,;  
PiPsPIC-PrPsPS; PeCГPsCГPiPsPIC-PrPsPS; PjP°PiPSC-Ч CГC,PμP°CГP°C,;

CГCfPjC-Cө PrP»CII PiP»C-PIPePsPIPsPiPs PiPsPeCГPөC,C,CII:

PiC-PiCГPsPjPμP»PsP·P°; P»P°PeC,PsP·P°, PjPsPSPsPiC-PrCГP°C,; PjP°PeCГPsPiPsP»;  
P·P°P»C-P·P° PsPeCГPөPr P¶PsPIC,PөP№ (P· 172); P·P°P»C-P·P° PsPeCГPөPr C±PμCГPIPsPSPөP№  
(P· 172); C,PөC,P°PSCf PrC-PsPeCГPөPr (P· 171) вГ“ PrP»CII C,P°P±P»PμC,PsPe PiPs 0,2 PjPi;

PiC-PiCГPsPjPμP»PsP·P°; P»P°PeC,PsP·P°, PjPsPSPsPiC-PrCГP°C,; PjP°PeCГPsPiPsP»;  
PeP°CГPjC-PS; P·P°P»C-P·P° PsPeCГPөPr P¶PsPIC,PөP№ (P· 172); C,PөC,P°PSCf PrC-PsPeCГPөPr  
(P· 171) вГ“ PrP»CII C,P°P±P»PμC,PsPe PiPs 0,4 PjPi.

**P»C-PeP°CГCГЧPөPө C,,PsCГPjP°.** PÿP°P±P»PμC,PePө, PIPөCГPөC,C- PiP»C-PIPePsPIPsЧ  
PsP±PsP»PsPSPөPsЧ.

PhCГPSPsPIPSC- C,,C-P·PөPePs-C...C-PjC-C±PSC- PIP»P°CГC,PөPIPsCГC,C-:

C,P°P±P»PμC,PePө PiPs 0,2 PjPi вГ“ C,P°P±P»PμC,PePө, PIPөCГPөC,C- PiP»C-PIPePsPIPsЧ  
PsP±PsP»PsPSPөPsЧ, PiPsPjP°CГP°PSC±PμPIPs-ЧPμPIPsPiPs PePsP»ЧPсCГCf,  
PeCГCfPiP»PsC— C,,PsCГPjPө P· PrPIPsPsPiCfPeP»PsЧ PiPsPIPμCГC...PSPμЧ;

C,P°P±P»PμC,PePө PiPs 0,4 PjPi вГ“ C,P°P±P»PμC,PePө, PIPөCГPөC,C- PiP»C-PIPePsPIPsЧ  
PsP±PsP»PsPSPөPsЧ, CГPsP¶PμPIPsPiPs PePsP»ЧPсCГCf, PeCГCfPiP»PsC— C,,PsCГPjPө P·  
PrPIPsPsPiCfPeP»PsЧ PiPsPIPμCГC...PSPμЧ.

**Р¶P°CГPjP°PePsC,PμCГP°PiPμPIC,PөC±PSP° PiCГCfPiP°.**

PhPSC,PөPiC-PiPμCГC,PμPSP·PөPIPSC- P»C-PeP°CГCГЧPөPeC- P·P°CГPsP±Pө.

PhPiPsPSC-CГC,Pө C-PjC-PrP°P·PsP»C-PSPsPIPөC... CГPμC±PμPiC,PsCГC-PI.

РћPsPeCГPsPSC-PrPөPS. РљPsPг PhPÿPГ Pÿ02Ph Pÿ05.

**PαP°CḡPjP°PePsP»PsPiC-C‡PSC- PIP»P°CÍC,PëPIPsCÍC,C-**

PαP°CḡPjP°PePsPrPëPSP°PjC-PeP°

P°PsPIPμPrPμPSPs, C%Ps PjPsPeCÍPsPSC-PrPëPS C” PμC,,PμPeC,PëPIPSPëPj  
P°PSC,PëPiC-PiPμCḡC,PμPSP·PëPIPSPëPj P°PiPμPSC,PsPj. PκP°CΠIPSC-  
PμPeCÍPiPμCḡPëPjPμPSC,P°P»CḡPSC- PrP°PSC- CÍPIC-PrC‡P°C,Cḡ PiCḡPs C,Pμ, C%Ps  
C‡PμPSC,CḡP°P»CḡPSP° PSPμCḡPIPsIP° CÍPëCÍC,PμPjP° (P¡PκPŸ) C” PjC-CÍC‡PμPj  
P°PSC,PëPiC-PiPμCḡC,PμPSP·PëPIPSPsC— PrC-C— PjPsPeCÍPsPSC-PrPëPSCr.  
PḡPsPeCÍPsPSC-PrPëPS C” CÍPμP»PμPeC,PëPIPSPëPj P°PiPsPSC-CÍC,PsPj  
C-PjC-PrP°P·PsP»C-PSPsPIPëC... CḡPμC‡PμPiC,PsCḡC-PI. P¡C- C‡CÍC,P»PëPIC- PrPs  
C-PjC-PrP°P·PsP»C-PSCr CḡPμC‡PμPiC,PsCḡPë CÍPePsPSC‡PμPSC,CḡPsPIP°PSC- CÍ  
CḡPsCÍC,CḡP°P»CḡPSPsPjCÍ PIC-PrPrC-P»C- PIPμPSC,CḡPsP»P°C,PμCḡP°P»CḡPSPsC—  
C‡P°CÍC,PëPSPë PrPsPIPiP°CÍC,PsPiPs PjPsP·PeCÍr Bḡ” PrC-P»CΠPSC‡C-, CΠPeP°  
PIPIP°P¶P°C,CḡCÍCΠ C‡PμPSC,CḡPsPj CḡPμPiCÍP»CΠC‡C-C— PiPμCḡPëC,,PμCḡPëC‡PSPsC—  
CÍPëPjPiP°C,PëC‡PSPsC— PSPμCḡPIPsIPsC— CÍPëCÍC,PμPjPë. PŸC,PëPjCÍP»CΠC‡C-CΠ  
C-PjC-PrP°P·PsP»C-PSPsPIPëC... CḡPμC‡PμPiC,PsCḡC-PI CÍPiCḡPëCΠC” P·PSPëP¶PμPSPSCḡ  
P°PeC,PëPIPSPsCÍC,C- CÍPëPjPiP°C,PëC‡PSPsC— PSPμCḡPIPsIPsC— CÍPëCÍC,PμPjPë C-  
P·PSPëP¶CÍC” P°CḡC,PμCḡC-P°P»CḡPSPëPḡ C,PëCÍPe.

PḡPsPeCÍPsPSC-PrPëPS PIC-PrCḡC-P·PSCΠC”C,CḡCÍCΠ PIC-Pr C-PSC€PëC...  
CÍPëPjPiP°C,PsP»C-C,PëC‡PSPëC... P°PSC,PëPiC-PiPμCḡC,PμPSP·PëPIPSPëC... P·P°CÍPsP±C-PI  
PIC-PrPSPsCÍPSPs PSPëP·CḡPePsCḡ CÍPiPsCḡC-PrPSPμPSC-CÍC,Cḡ P· PIC-PrPsPjPëPjPë α₂-  
P°PrCḡPμPSPsCḡPμC‡PμPiC,PsCḡP°PjPë PiPsCḡC-PIPSCΠPSPs P·  
C-PjC-PrP°P·PsP»C-PSPsPIPëPjPë CḡPμC‡PμPiC,PsCḡP°PjPë. P—P°PIPrCΠPePë C‡CḡPsPjCÍ  
CÍPμPrP°C,PëPIPSPëPḡ PμC,,PμPeC, C- CÍCÍC...C-CÍC,Cḡ CÍ CḡPsC,C- PiCḡPë  
P·P°CÍC,PsCÍCÍPIP°PSPSC- PjPsPeCÍPsPSC-PrPëPSCr PIPëPSPëPeP°CḡC,Cḡ CḡC-PrPePs.

Pj P»CḡPrPëPSPë P·P°CÍC,PsCÍCÍPIP°PSPSCΠ PjPsPeCÍPsPSC-PrPëPSCr  
PiCḡPëP·PIPsPrPëC,Cḡ PrPs P·PjPμPSC€PμPSPSCΠ PiPμCḡPëC,,PμCḡPëC‡PSPsPiPs  
CÍCÍPrPëPSPSPsPiPs PsPiPsCḡCÍr P· PiPsPrP°P»CḡC€PëPj P·PSPëP¶PμPSPSCΠPj  
P°CḡC,PμCḡC-P°P»CḡPSPsPiPs C,PëCÍPeCÍr. PḡPSC,PëPiC-PiPμCḡC,PμPSP·PëPIPSPëPḡ  
PμC,,PμPeC, PjPsPeCÍPsPSC-PrPëPSCr P±CÍPI PiCḡPsPrPμPjPsPSCÍC,CḡPsPIP°PSPëPḡ  
CÍr PiPsPrPIC-PḡPSPëC... CÍP»C-PiPëC... PiP»P°C‡PμP±Ps-  
PePsPSC,CḡPsP»CḡPsPIP°PSPëC... CḡP°PSPrPsPjC-P·PsPIP°PSPëC...  
PrPsCÍP»C-PrP¶PμPSPSCΠC.... PḡPiCÍP±P»C-PePsPIP°PSC- PrP°PSC-  
CÍPIC-PrC‡P°C,Cḡ, C%Ps P·P°CÍC,PsCÍCÍPIP°PSPSCΠ P°PSC,P°PiPsPSC-CÍC,P°  
P°PSPiC-PsC,PμPSP·PëPSCr P‡P‡ (PḡP‡P‡Pḡ) CḡP°P·PsPj P· PjPsPeCÍPsPSC-PrPëPSPsPj  
CÍr PiP°C‡C-C”PSC,C-PI P· P°CḡC,PμCḡC-P°P»CḡPSPsCḡ PiC-PiPμCḡC,PμPSP·C-C”Cḡ  
C,P° PiC-PiPμCḡC,CḡPsC,,C-C”Cḡ P»C-PIPsPiPs C€P»CÍPSPsC‡PeP° PiCḡPë  
PsPrPSP°PePsPIPsPjCÍr P·PSPëP¶PμPSPSC- P°CḡC,PμCḡC-P°P»CḡPSPsPiPs C,PëCÍPeCÍr  
PrP°P»Ps P·PjPsPiCÍr PrPsCÍCΠPiC,Pë PiPsCÍPëP»PμPSPSCΠ CḡPμPiCḡPμCÍCÍr  
PiC-PiPμCḡC,CḡPsC,,C-C— P»C-PIPsPiPs C€P»CÍPSPsC‡PeP° PiPsCḡC-PIPSCΠPSPs P·  
PIC-P»CḡPSPsCḡ PePsPjP±C-PSP°C‡C-C”Cḡ C,C-P°P·PëPrCÍr C- P±P»PsPeP°C,PsCḡP°  
PeP°P»CḡC‡C-C”PIPëC... PeP°PSP°P»CḡC‡C-PI.

Pj C,PμCḡP°PiPμPIC,PëC‡PSPëC... PrPsCÍP»C-PrP¶PμPSPSCΠC... C,CḡPëPIP°P»C-CÍC,Cḡ 2  
PjC-CÍCΠC‡C- PiPsCḡC-PIPSCΠPSPs P· PiP»P°C‡PμP±Ps PjPsPeCÍPsPSC-PrPëPS

PiC-PrPIPëC%oCfPIP°PI C-PSPrPµPeCf C+CfC,P»PëPIPsCfC,C- PrPs C-PSCfCfP»C-PSCf PSP° 21 % Cf PiP°CfC-C"psc,C-PI P· PiPsPjC-CfPSPsCf PiC-PiPµCfC,PµPSP·C-C"cf, PsP¶PëCfC-PSPSCfPj C,P° C-PSCfCfP»C-PSPsCfPµP·PëCfC,PµPSC,PSC-CfC,Cf.

PαP°CfPjP°PePsPeC-PSPµC,PëPeP°

PfP±CfPsCfP±CfC-Cf. PµC-CfP»Cf PIPSCfC,CfC-CëPSCfPsPiPs P·P°CfC,PsCfCfPIP°PSPSCf PjPsPeCfPsPSC-PrPëPS CëPIPëPrPePs (CfP°Cf PrPsCfCfPiPSPµPSPSCf PjP°PeCfPëPjP°P»CfPSPsC— PePsPSCfPµPSC,CfP°CfC-C— Cf PiP»P°P·PjC- PeCfPsPIC- (t<sub>max</sub>) Bf“ PiCfPëP±P»PëP·PSPs 1 PiPsPrPëPSP°) C,P° PjP°PNeP¶Pµ PiPsPIPSC-CfC,Cf P°P±CfPsCfP±CfC”C,CfCfCf Cf PIPµCfC...PSC-C... PIC-PrPrC-P»P°C... CëP»CfPSPePsIPs-PePëCëPePsIPsPiPs C,CfP°PeC,Cf. PfP±CfPsP»CfC,PSP° P±C-PsPrPsCfC,CfPiPSC-CfC,Cf CfC,P°PSPsPIPëC,Cf PiCfPëP±P»PëP·PSPs 88 %, C%oPs PIPeP°P·CfC” PSP° PIC-PrCfCfC,PSC-CfC,Cf P·PSP°CfPSPsPiPs PjPµC,P°P±PsP»C-P·PjCf PiCfPë PiPµCfPIPëPSPSPjCf PiCfPsC...PsPrP¶PµPSPSC- CfPµCfPµP· PiPµCfC-PSPeCf. PhPrPSPsCfP°CfPSPµ PIP¶PëPIP°PSPSCf C—P¶C- PSPµ PIPiP»PëPIP°C” PSP° C,,P°CfPjP°PePsPeC-PSPµC,PëPeCf PjPsPeCfPsPSC-PrPëPSCf.

P PsP·PiPsPrC-P». PŸC,CfPiC-PSCH P·PIBf™ CfP·CfPIP°PSPSCf P· P±C-P»PeP°PjPë PiP»P°P·PjPë PeCfPsPIC-, PIPëP·PSP°CfPµPSPëPNe in vitro, CfC,P°PSPsPIPëC,Cf PiCfPëP±P»PëP·PSPs 7,2 %.

P' C-PsC,CfP°PSCfC,,PsCfPjP°CfC-Cf. Pj P·CfP°P·PeP°C... PiP»P°P·PjPë PeCfPsPIC- P»CfPrPëPSPë P±CfP»Ps C-PrPµPSC,PëC,,C-PePsPIP°PSPs P»PëCëPµ PrPµPiC-PrCfPsPiPµPSC-P·PsPIP°PSPëPNe PjPsPeCfPsPSC-PrPëPS. PαP°CfPjP°PePsPrPëPSP°PjC-CfPSP° P°PeC,PëPIPSC-CfC,Cf PrPµPiC-PrCfPsPiPµPSC-P·PsPIP°PSPsPiPs PjPsPeCfPsPSC-PrPëPSCf CfC,P°PSPsPIPëC,Cf PiCfPëP±P»PëP·PSPs 1/10 P°PeC,PëPIPSPsCfC,C- PjPsPeCfPsPSC-PrPëPSCf.

P'PëPIPµPrPµPSPSCf. PµCfPsC,CfPiPsPj 24-PiPsPrPëPSPSPsPiPs PiPµCfC-PsPrCf P·C- CfPµCfPµCf PµPeCfPeCfPµC,CfC”C,CfCfCf 78 % P·P°PiP°P»CfPSPsC— PrPsP·Pë PjPsPeCfPsPSC-PrPëPSCf Cf PIPëPiP»CfPrC- PSPµP·PjC-PSPµPSPsC— CfPiPsP»CfPePë C- 13 % Bf“ Cf PIPëPiP»CfPrC- PrPµPiC-PrCfPsPiPµPSC-P·PsPIP°PSPsPiPs PjPsPeCfPsPSC-PrPëPSCf. P†PSCëC- PSPµP·PSP°CfPSC- PjPµC,P°P±PsP»C-C,Pë PI CfPµCfC- CfC,P°PSPsPIP»CfC,Cf PiCfPëP±P»PëP·PSPs 8 % PrPsP·Pë. PhPµPSCëPµ 1 % PIPëPIPsPrPëC,CfCfCf P· PeP°P»PsPj. PµPµCfC-PsPr PSP°PiC-PIPIPëPIPµPrPµPSPSCf PjPsPeCfPsPSC-PrPëPSCf C,P° PNePiPs PjPµC,P°P±PsP»C-C,Cf CfC,P°PSPsPIPëC,Cf PiCfPëP±P»PëP·PSPs 2,5 PiPsPrPëPSPë C,P° 5 PiPsPrPëPS PIC-PrPiPsPIC-PrPSPs.

PαP°CfPjP°PePsPeC-PSPµC,PëPeP° Cž PiP°CfC-C”psc,C-PI P· P°CfC,PµCfC-P°P»CfPSPsCf PiC-PiPµCfC,PµPSP·C-C”cf. Pj PiP°CfC-C”psc,C-PI P· P°CfC,PµCfC-P°P»CfPSPsCf PiC-PiPµCfC,PµPSP·C-C”cf PiPsCfC-PIPSCfPSPs P·C- P·PrPsCfPsPIPëPjPë PrPsP±CfPsIPsP»CfCfCfPjPë C,,P°CfPjP°PePsPeC-PSPµC,PëPeP° PjPsPeCfPsPSC-PrPëPSCf CfCfC,C,C”PIPs PSPµ PIC-PrCfC-P·PSCfP»P°CfCf.

PαP°CfPjP°PePsPeC-PSPµC,PëPeP° Cž PiP°CfC-C”psc,C-PI P»C-C,PSCHPsPiPs PIC-PeCž. PµPsPIBf™ CfP·P°PSC- P· PIC-PePsPj P·PjC-PSPë C,,P°CfPjP°PePsPeC-PSPµC,PëPePë CfPiPsCfC,PµCfC-PiP°P»PëCfCf, PSP°PNeC-PjPsPIC-CfPSC-CëPµ, CfPµCfPµP· P·PSPëP¶PµPSPëPNe CfC-PIPµPSCf PjPµC,P°P±PsP»C-P·PjCf C-/P°P±Ps PrPµC%oPs P±C-P»CfCëCf P±C-PsPrPsCfC,CfPiPSC-CfC,Cf Cf PiP°CfC-C”psc,C-PI P»C-C,PSCHPsPiPs PIC-PeCf. PhPrPSP°Pe CfC- C,,P°CfPjP°PePsPeC-PSPµC,PëCfPSC- PIC-PrPjC-PSPSPsCfC,C- PSPµ PIPIP°P¶P°CfC,CfCfCf PeP»C-PSC-CfPSPs P·PSP°CfC%oPëPjPë.

$P_{\alpha}P^{\circ}C_{\eta}P_jP^{\circ}PePsPeC-PSP_{\mu}C, P_{\beta}PeP^{\circ} C_{\acute{z}} PrC-C, P_{\mu}PN_{\beta}$ .  $P_{\hbar}C_{\acute{I}}PeC-P \gg C_{\hbar}PeP_{\beta} P_jPsPeC_{\acute{I}}PsPSC-PrP_{\beta}PS$   
 $PSP_{\mu} C_{\eta}P_{\mu}PePsP_jP_{\mu}PSP_rPsPIP^{\circ}PSP_{\beta}PN_{\beta} PrP \gg C_{\acute{I}} P \cdot P^{\circ}C_{\acute{I}}C, PsC_{\acute{I}}C_{\acute{r}}PIP^{\circ}PSPSC_{\acute{I}} PrC-C, C_{\acute{I}}P_j,$   
 $C, P^{\circ}C_{\eta}P_jP^{\circ}PePsPeC-PSP_{\mu}C, P_{\beta}C_{\acute{I}}PSC- PrPsC_{\acute{I}}P \gg C-PrP_{\eta}P_{\mu}PSPSC_{\acute{I}} C_{\acute{r}} C_{\acute{I}}C-PN_{\beta}$   
 $C_{\acute{I}}C_{\acute{r}}P_{\pm}P_iPsP_iC_{\acute{r}}P \gg C_{\acute{I}}C_{\acute{I}}C-C- PSP_{\mu} P_iC_{\eta}PsPIP_sPrP_{\beta}P \gg P_{\beta}C_{\acute{I}}C_{\acute{I}}$ .

$P_{\alpha}P^{\circ}C_{\eta}P_jP^{\circ}PePsPeC-PSP_{\mu}C, P_{\beta}PeP^{\circ} P_iC_{\eta}P_{\beta} PSP_{\beta}C_{\eta}PePsPIC-PN_{\beta} PSP_{\mu}PrPsC_{\acute{I}}C, P^{\circ}C, PSP_sC_{\acute{I}}C, C-$   
 $P'P_{\beta}PIP_{\mu}PrP_{\mu}PSPSC_{\acute{I}} P_jPsPeC_{\acute{I}}PsPSC-PrP_{\beta}PSC_{\acute{r}} P \cdot PSP^{\circ}C_{\acute{I}}PSP_sC_{\eta} P_jC-C_{\eta}PsC_{\eta}$   
 $P \cdot P^{\circ}P \gg P_{\mu}P_{\eta}P_{\beta}C, C_{\hbar} PIC-Pr PeP \gg C-C_{\eta}P_{\mu}PSC_{\acute{I}}C_{\acute{r}} PeC_{\eta}P_{\mu}P^{\circ}C, P_{\beta}PSC-PSC_{\acute{r}}. P_j P_iP^{\circ}C_{\acute{I}}C-C''PSC, C-PI$   
 $P \cdot P_iPsP_jC-C_{\eta}PSP_sC_{\eta} PSP_{\beta}C_{\eta}PePsPIP_sC_{\eta} PSP_{\mu}PrPsC_{\acute{I}}C, P^{\circ}C, PSC-C_{\acute{I}}C, C_{\eta}$   
 $(C_{\beta}PIP_{\beta}PrPeC-C_{\acute{I}}C, C_{\hbar} PeP \gg C_{\acute{r}}P_{\pm}PsC_{\acute{I}}PePsPIP_sC- C, C-P \gg C_{\hbar}C, C_{\eta}P^{\circ}C_{\acute{I}}C-C- (P_{\beta}P_{\eta}P_{\alpha}) B_{\eta}$   
 $30B_{\eta} "60 P_jP \gg /C...PI) C_{\acute{I}}C, P^{\circ}P_{\pm}C-P \gg C_{\hbar}PSP^{\circ} PePsPSC_{\acute{I}}P_{\mu}PSC, C_{\eta}P^{\circ}C_{\acute{I}}C-C_{\acute{I}} C_{\acute{r}} P_iP \gg P^{\circ}P \cdot P_jC-$   
 $PeC_{\eta}PsPIC- C- PeC-PSC_{\acute{I}}P_{\mu}PIP_{\beta}PN_{\beta} P_iP_{\mu}C_{\eta}C-P_sPr PSP^{\circ}P_iC-PIPIP_{\beta}PIP_{\mu}PrP_{\mu}PSPSC_{\acute{I}}$   
 $PIC-PrP_iPsPIC-PrPSP_s P_iC_{\eta}P_{\beta}P_{\pm}P \gg P_{\beta}P \cdot PSP_s PI 2 C- 1,5 C_{\eta}P^{\circ}P \cdot P^{\circ} PIP_{\beta}C_{\%}C-, PSC-P_{\eta} C_{\acute{r}}$   
 $P_iP^{\circ}C_{\acute{I}}C-C''PSC, C-PI P \cdot P^{\circ}C_{\eta}C, P_{\mu}C_{\eta}C-P^{\circ}P \gg C_{\hbar}PSP_sC_{\eta} P_iC-P_iP_{\mu}C_{\eta}C, P_{\mu}PSP \cdot C-C''C_{\eta} C-$   
 $PSP_sC_{\eta}P_jP^{\circ}P \gg C_{\hbar}PSP_sC_{\eta} C, C_{\acute{r}}PSP_eC_{\acute{I}}C-C''C_{\eta} PSP_{\beta}C_{\eta}PsPe (P_{\beta}P_{\eta}P_{\alpha} > 90 P_jP \gg /C...PI). P_j$   
 $P_iP^{\circ}C_{\acute{I}}C-C''PSC, C-PI P \cdot C, C_{\acute{I}}P_{\eta}PePsC_{\eta} PSP_{\beta}C_{\eta}PePsPIP_sC_{\eta} PSP_{\mu}PrPsC_{\acute{I}}C, P^{\circ}C, PSC-C_{\acute{I}}C, C_{\eta}$   
 $(P_{\beta}P_{\eta}P_{\alpha} < 30 P_jP \gg /C...PI) C_{\acute{I}}C, P^{\circ}P_{\pm}C-P \gg C_{\hbar}PSP^{\circ} PePsPSC_{\acute{I}}P_{\mu}PSC, C_{\eta}P^{\circ}C_{\acute{I}}C-C_{\acute{I}} C_{\acute{r}} P_iP \gg P^{\circ}P \cdot P_jC-$   
 $C- PeC-PSC_{\acute{I}}P_{\mu}PIP_{\beta}PN_{\beta} P_iP_{\mu}C_{\eta}C-P_sPr PSP^{\circ}P_iC-PIPIP_{\beta}PIP_{\mu}PrP_{\mu}PSPSC_{\acute{I}} P_iC_{\eta}P_{\beta}P_{\pm}P \gg P_{\beta}P \cdot PSP_s C_{\acute{r}}$   
 $3 C_{\eta}P^{\circ}P \cdot P_{\beta} PIP_{\beta}C_{\%}C-. P_j C_{\acute{I}}P_{\beta}C... C...PIP_sC_{\eta}P_{\beta}C... PSP_{\mu} C_{\acute{I}}P_iPsC_{\acute{I}}C, P_{\mu}C_{\eta}C-P_iP^{\circ}P \gg PsC_{\acute{I}}C_{\acute{I}}$   
 $PSP^{\circ}PePsP_iP_{\beta}C_{\acute{I}}P_{\mu}PSPSC_{\acute{I}} P_jPsPeC_{\acute{I}}PsPSC-PrP_{\beta}PSC_{\acute{r}} P_iC-C_{\acute{I}}P \gg C_{\acute{I}}$   
 $P_{\pm}P^{\circ}P_iP^{\circ}C, PsC_{\eta}P^{\circ}P \cdot PsPIP_sP_iPs P \cdot P^{\circ}C_{\acute{I}}C, PsC_{\acute{I}}C_{\acute{r}}PIP^{\circ}PSPSC_{\acute{I}}. P_j P_iP^{\circ}C_{\acute{I}}C-C''PSC, C-PI P \cdot$   
 $PSP_{\beta}C_{\eta}PePsPIP_sC_{\eta} PSP_{\mu}PrPsC_{\acute{I}}C, P^{\circ}C, PSC-C_{\acute{I}}C, C_{\eta} C, P_{\mu}C_{\eta}P_jC-PSP^{\circ}P \gg C_{\hbar}PSP_sC-$   
 $C_{\acute{I}}C, P^{\circ}PrC-C- (P_{\beta}P_{\eta}P_{\alpha} < 10 P_jP \gg /C...PI), C_{\acute{I}}PeC- P \cdot PSP^{\circ}C...PsPrC_{\acute{I}}C, C_{\hbar}C_{\acute{I}}C_{\acute{I}} PSP^{\circ}$   
 $P_iP_{\mu}P_jPsPrC-P^{\circ}P \gg C-P \cdot C-, P_iP \gg PsC_{\%}P^{\circ} P_iC-Pr C, P^{\circ}C_{\eta}P_jP^{\circ}PePsPeC-PSP_{\mu}C, P_{\beta}C_{\acute{I}}PSP_sC_{\eta}$   
 $PeC_{\eta}P_{\beta}PIP_sC_{\eta} B \ll PePsPSC_{\acute{I}}P_{\mu}PSC, C_{\eta}P^{\circ}C_{\acute{I}}C-C_{\acute{I}}C_{\acute{I}}P^{\circ}C_{\acute{I}}B \gg (AUC) C- PeC-PSC_{\acute{I}}P_{\mu}PIP_{\beta}PN_{\beta}$   
 $P_iP_{\mu}C_{\eta}C-P_sPr PSP^{\circ}P_iC-PIPIP_{\beta}PIP_{\mu}PrP_{\mu}PSPSC_{\acute{I}} PIC-PrP_iPsPIC-PrPSP_s PI 6 C- 4 C_{\eta}P^{\circ}P \cdot P_{\beta}$   
 $PIP_{\beta}C_{\%}C- P_iPsC_{\eta}C-PIPSC_{\acute{I}}PSP_s P \cdot P_iP^{\circ}C_{\acute{I}}C-C''PSC, P^{\circ}P_jP_{\beta} P \cdot P^{\circ}C_{\eta}C, P_{\mu}C_{\eta}C-P^{\circ}P \gg C_{\hbar}PSP_sC_{\eta}$   
 $P_iC-P_iP_{\mu}C_{\eta}C, P_{\mu}PSP \cdot C-C''C_{\eta} C- PSP_sC_{\eta}P_jP^{\circ}P \gg C_{\hbar}PSP_sC_{\eta} C, C_{\acute{r}}PSP_eC_{\acute{I}}C-C''C_{\eta} PSP_{\beta}C_{\eta}PsPe. P_j$   
 $P_iP^{\circ}C_{\acute{I}}C-C''PSC, C-PI P \cdot P_iPsP_jC-C_{\eta}PSP_sC_{\eta} PSP_{\beta}C_{\eta}PePsPIP_sC_{\eta} PSP_{\mu}PrPsC_{\acute{I}}C, P^{\circ}C, PSC-C_{\acute{I}}C, C_{\eta}$   
 $P_jP^{\circ}PeC_{\acute{I}}P_{\beta}P_jP^{\circ}P \gg C_{\hbar}PSP^{\circ} PePsPSC_{\acute{I}}P_{\mu}PSC, C_{\eta}P^{\circ}C_{\acute{I}}C-C_{\acute{I}} P_jPsPeC_{\acute{I}}PsPSC-PrP_{\beta}PSC_{\acute{r}} C_{\acute{r}}$   
 $P_iP \gg P^{\circ}P \cdot P_jC- PeC_{\eta}PsPIC- (C_{max}) PIP_{\beta}C_{\%}P^{\circ} PIC_{\acute{I}}C_{\hbar}PsP_iPs C_{\acute{r}} 1,5B_{\eta} "2 C_{\eta}P^{\circ}P \cdot P_{\beta}$ .

$P^{\circ}P \cdot C_{\acute{r}}C_{\eta}C_{\acute{I}}P_{\beta}C_{\eta} PSP^{\circ} PIP_{\beta}C_{\%}P_{\mu}PSP^{\circ}PIP_{\mu}PrP_{\mu}PSP_{\beta}C... PrP^{\circ}PSP_{\beta}C..., PrPsP \cdot C_{\acute{r}}$   
 $P_jPsPeC_{\acute{I}}PsPSC-PrP_{\beta}PSC_{\acute{r}} PrP \gg C_{\acute{I}} P_iP^{\circ}C_{\acute{I}}C-C''PSC, C-PI P \cdot PSP_{\beta}C_{\eta}PePsPIP_sC_{\eta}$   
 $PSP_{\mu}PrPsC_{\acute{I}}C, P^{\circ}C, PSC-C_{\acute{I}}C, C_{\eta} C_{\acute{I}}P \gg C-Pr P_iC-PrP_{\pm}P_{\beta}C_{\eta}P^{\circ}C, P_{\beta} C-PSP_rP_{\beta}PIC-PrC_{\acute{r}}P^{\circ}P \gg C_{\hbar}PSP_s.$   
 $P_{\mu}C-Pr C_{\acute{I}}P^{\circ}C_{\acute{I}} P_iP_{\mu}P_jPsPrC-P^{\circ}P \gg C-P \cdot C_{\acute{r}} P_jPsPeC_{\acute{I}}PsPSC-PrP_{\beta}PS PIP_{\beta}PrP^{\circ}P \gg C_{\acute{I}}C''C, C_{\hbar}C_{\acute{I}}C_{\acute{I}}$   
 $PSP_{\mu}P \cdot PSP^{\circ}C_{\acute{I}}PSP_sC_{\eta} P_jC-C_{\eta}PsC_{\eta}.$

$P''PsPeP \gg C-PSC-C_{\acute{I}}PSC- PrP^{\circ}PSC- P \cdot P_{\pm}P_{\mu}P \cdot P_iP_{\mu}PeP_{\beta}$

$P''PsPeP \gg C-PSC-C_{\acute{I}}PSC- PrP^{\circ}PSC- PSP_{\mu} P_jC-C_{\acute{I}}C, C_{\acute{I}}C, C_{\hbar} C-PSC, PsC_{\eta}P_jP^{\circ}C_{\acute{I}}C-C- C_{\%}PsPrPs$   
 $P_{\pm}C_{\acute{r}}PrC_{\hbar}-C_{\acute{I}}PePsP_iPs PsC_{\acute{I}}PsP_{\pm}P \gg P_{\beta}PIP_sP_iPs C_{\eta}P_{\beta}P \cdot P_{\beta}PeC_{\acute{r}} PrP \gg C_{\acute{I}} P \gg C_{\eta}PrP_{\beta}PSP_{\beta} PSP^{\circ}$   
 $P_iC-PrC_{\acute{I}}C, P^{\circ}PIC- C_{\eta}P_{\mu}P \cdot C_{\acute{r}}P \gg C_{\hbar}C, P^{\circ}C, C-PI C_{\acute{I}}C, P^{\circ}PSP_rP^{\circ}C_{\eta}C, PSP_{\beta}C...$   
 $PrPsC_{\acute{I}}P \gg C-PrP_{\eta}P_{\mu}PSC_{\hbar} P \cdot C, P^{\circ}C_{\eta}P_jP^{\circ}PePsP \gg PsP_iC-C_{\acute{I}}PSP_sC- P_{\pm}P_{\mu}P \cdot P_iP_{\mu}PeP_{\beta},$   
 $C...C_{\eta}PsPSC-C_{\acute{I}}PSP_sC- C, PsPeC_{\acute{I}}P_{\beta}C_{\acute{I}}PSP_sC_{\acute{I}}C, C-, P_iP_{\mu}PSP_sC, PsPeC_{\acute{I}}P_{\beta}C_{\acute{I}}PSP_sC_{\acute{I}}C, C-,$   
 $PeP^{\circ}PSC_{\acute{I}}P_{\mu}C_{\eta}PsP_iP_{\mu}PSPSP_sP_iPs P_iPsC, P_{\mu}PSC_{\acute{I}}C-P^{\circ}P \gg C_{\acute{r}} C, P^{\circ} C_{\eta}P_{\mu}P_iC_{\eta}PsPrC_{\acute{r}}PeC, P_{\beta}PIPSP_sC-$   
 $C, PsPeC_{\acute{I}}P_{\beta}C_{\acute{I}}PSP_sC_{\acute{I}}C, C-.$

$P''oC_{\acute{I}}P \gg C-PrP_{\eta}P_{\mu}PSPSC_{\acute{I}} PSP^{\circ} C, PIP^{\circ}C_{\eta}P_{\beta}PSP^{\circ}C... PIP_{\beta}C_{\acute{I}}PIP_{\beta}P \gg P_{\beta} C, PsPeC_{\acute{I}}P_{\beta}C_{\acute{I}}PSP_{\beta}PN_{\beta}$   
 $PIP_iP \gg P_{\beta}PI PSP^{\circ} P_{\mu}P_jP_{\pm}C_{\eta}C-P_sPSP^{\circ}P \gg C_{\hbar}PSP_{\beta}PN_{\beta} C_{\eta}PsP \cdot PIP_{\beta}C, PsPe P_iC_{\eta}P_{\beta}$   
 $P \cdot P^{\circ}C_{\acute{I}}C, PsC_{\acute{I}}C_{\acute{r}}PIP^{\circ}PSPSC- PrPsP \cdot, C, PsPeC_{\acute{I}}P_{\beta}C_{\acute{I}}PSP_{\beta}C... PrP \gg C_{\acute{I}}$   
 $P_jP^{\circ}C, P_{\mu}C_{\eta}P_{\beta}PSC_{\acute{I}}C_{\hbar}PePsP_iPs PsC_{\eta}P_iP^{\circ}PSC-P \cdot P_jC_{\acute{r}}. P''PsC_{\acute{I}}P \gg C-PrP_{\eta}P_{\mu}PSPSC_{\acute{I}}$





СҗPsP·PіPsC±PēPSP°С, Pē P· PrPsP·Pē 0,2 PjPi PSP° PrPsP±Cf. P”PsP·Cf PjPsP¶PSP° P·P±C-P»CHC€PēC, Pē PjP°PeCfPēPjCfPj PrPs 0,4 PjPi PSP° PrPsP±Cf PrP»Cf PіP°C†C-C”PSC, C-PI P· PіPsPjC-CҗPSPsCҗ PSPēCҗPePsPIPsCҗ PSPµPrPsCfC, P°С, PSC-CfC, Cҗ (PēPҗPα > 30 PjP»/C...PI, P°P»Pµ < 60 PjP»/C...PI), CfPeC%Ps C†Pµ PeP»C-PSC-C±PSPs PіPsPeP°P·P°PSPs C, P° PіCҗPµPіP°CҗP°С, PіPµCҗPµPSPsCfPēC, CHCfCfC PrPsP±CҗPµ.

PіPeC%Ps PjPsPeCfPsPSC-PrPēPS P·P°CfC, PsCfPsPICfCҗC, CH Cf PePsPjP±C-PSP°C†C-C— P· β-P°PrCҗPµPSPsP±P»PsPeP°С, PsCҗPsPj C- PsP±PēPrPIP° PіCҗPµPіP°CҗP°С, Pē PSPµPsP±C...C-PrPSPs PIC-PrPjC-PSPēC, Pē, CfPіPsC±P°С, PeCf CfP»C-Pr PIC-PrPjC-PSPēC, Pē β-P°PrCҗPµPSPsP±P»PsPeP°С, PsCҗ, P° PіPsC, C-Pj C†PµCҗPµP· PeC-P»CHPeP° PrPSC-PI Bҗ“ PjPsPeCfPsPSC-PrPēPS.

P”PsC, PµPіPµCҗ PSPµ PIC-PrP·PSP°C±P°P»PsCfCf PіCҗPsCfPICf PµC,, PµPeC, C-PI PIC-PrPjC-PSPē P· P±PsPeCf P°CҗC, PµCҗC-P°P»CHPSPsPіPs C, PēCfPeCf PіC-CfP»Cf PіCҗPēPіPēPSPµPSPSCf PіCҗPēPNēPsPjCf PjPsPeCfPsPSC-PrPēPSCf. PҗPrPSP°Pe CҗP°PіC, PsPIPµ PіCҗPēPіPēPSPµPSPSCf C, PµCҗP°PіC-C— PjPsPeCfPsPSC-PrPēPSPsPj PSPµ CҗPµPePsPjPµPSPPrCfC”C, CHCfCfC, PSP°С, PsPjC-CfC, CH PrPsP·Cf CfP»C-Pr PіPsCfC, CfPіPsPIPs P·PjPµPSC€CfPIP°С, Pē PіCҗPsC, CfPіPsPj PrPIPsC... C, PēP¶PSC-PI.

PµP°C†C-C”PSC, Pē P»C-C, PSCҗPsPіPs PIC-PeCf PjPsP¶CfC, CH P±CfC, Pē P±C-P»CHC€ C†CfC, P»PēPIPēPjPē PrPs PµC,, PµPeC, C-PI P°PSC, PēPіC-PіPµCҗC, PµPSP·PēPIPSPēC... P·P°CfPsP±C-PI. PҗPsPjCf CfP»C-Pr CҗPsP·PіPsC±PēPSP°С, Pē P»C-PeCfPIP°PSPSCf P· PSP°PNēPjPµPSC€PsC— PrPsP·Pē C, P° P·P±C-P»CHC€CfPIP°С, Pē PrPsP·Cf P· PsP±PµCҗPµP¶PSC-CfC, Cҗ PrP»Cf CfPSPēPePSPµPSPSCf CfPµCҗPNēPsP·PSPēC... PіPsP±C-C±PSPēC... CҗPµP°PeC†C-PNē.

P”PsPіPsPjC-P¶PSC- CҗPµC±PsPIPēPSPē

PіPeC%Ps Cf P’P°Cf PICfC, P°PSPsPIP»PµPSPs PSPµPіPµCҗPµPSPsCfPēPjC-CfC, CH PrPµCfPePēC... C†CfPeCҗC-PI, PіCҗPsPePsPSCfCfP»CHC, CfPNēC, PµCfCfC P· P»C-PeP°CҗPµPj, PіPµCҗC€ PSC-P¶ PіCҗPēPNēPjP°С, Pē C†PµPNē P»C-PeP°CҗCfCHPePēPNē P·P°CfC-P±.

**P—P°CfC, PsCfCzPIP°PSPSCf Cz PіPµCҗC-PsPr PIP°PіC-C, PSPsCfC, C- P°P±Ps PіPsPrCzPIP°PSPSCf PіCҗCzPrPrCҗ**

*P’P°PіC-C, PSC-CfC, CH*

P’C-PrPіPsPIC-PrPSPēC... PrP°PSPēC... C%PsPrPs P·P°CfC, PsCfCfPIP°PSPSCf PjPsPeCfPsPSC-PrPēPSCf PIP°PіC-C, PSPēPj P¶C-PSPeP°Pj PSPµPjP°С”. P”PsCfP»C-PrP¶PµPSPSCf PSP° C, PIP°CҗPēPSP°С... PіCҗPsPrPµPjPsPSCfC, CҗCfPIP°P»Pē PµPjP±CҗC-PsC, PsPeCfPēC±PSPēPNē PµC,, PµPeC, (PrPēPI. CҗPsP·PrC-P» B«PαP°CҗPjP°PePsP»PsPіC-C±PSC- PIP»P°CfC, PēPIPсCfC, C- Bҗ“ P”PsPeP»C-PSC-C±PSC- PrP°PSC- P· P±PµP·PіPµPePēB»). PµPsC, PµPSC†C-PNēPSPēPNē CҗPēP·PēPe PrP»Cf P»CҗPrPēPSPē PSPµPIC-PrPsPjPēPNē. PҗPsPeCfPsPSC-PrPēPS PSPµ CfP»C-Pr P·P°CfC, PsCfPsPICfPIP°С, Pē PіCҗPsC, CfPіPsPj PIP°PіC-C, PSPsCfC, C-, CfPeC%Ps PSPµPjP°С” PSP°PіP°P»CHPSPsC— PіPsC, CҗPµP±Pē.

*PµPµCҗC-PsPr PіPsPrCzPIP°PSPSCf PіCҗCzPrPrCҗ*

PҗPsPeCfPsPSC-PrPēPS PіCҗPsPSPēPeP°С” Cf PіCҗCfPrPSPµ PjPsP»PsPePs, C, PsPjCf PNēPsPіPs PSPµ CfP»C-Pr P·P°CfC, PsCfPsPICfPIP°С, Pē Cf PіPµCҗC-PsPr PіPsPrCfPIP°PSPSCf

PiC7CfPrPrC7. PIPeC%Ps C,Pu7P°PíC-Cl PjPsPeCfPsPSC-PrPëPSPsPj  
PIPIP°P¶P°C”C,CHCfCl P°P±CfPsP»C7C,PSPs PSPµPsP±C...C-PrPSPsC7, PiPsPrCfPIP°PSPSCl  
PiC7CfPrPrC7 PiPsC,C7C-P±PSPs PiC7PëPiPëPSPëC,Pë.

**P—PrP°C,PSC—CfC,CH PIPiP»PëPIP°C,Pë PSP° CëPIPëPrPeC—CfC,CH C7PµP°PeCfC—  
PíC7Pë PePµC7CzPIP°PSPSC- P°PIC,PsC,C7P°PSCfPiPsC7C,PsPj P°P±Ps C-PSCëPëPjPë  
PjPµC...P°PSC-P·PjP°PjPë**

P”PsCfP»C-PrP¶PµPSPSCl C%PsPrPs PIPiP»PëPICr PíC7PµPiP°C7P°C,Cr PSP°  
P·PrP°C,PSC—CfC,CH PePµC7CfPIP°C,Pë P°PIC,PsC,C7P°PSCfPiPsC7C,PsPj P°P±Ps  
PíC7P°CfC7PIP°C,Pë P· C-PSCëPëPjPë PjPµC...P°PSC-P·PjP°PjPë PSPµ  
PiC7PsPIPsPrPëP»PëCfCl.

P>C-PeCfPIP°PSPSCl P°C7C,PµC7C-P°P»CHPSPsC— PiC-PiPµC7C,PµPSP·C-C— PrP°PSPëPj  
P»C-PeP°C7CfCHPePëPj P·P°CfPsP±PsPj PiPsC,C7PµP±CfC” C7PµPiCfP»ClC7PSPsPiPs  
PjPµPrPëCfPSPsPiPs PSP°PiP»ClPrCf. P C-P·PSC- C7PµP°PeCfC-C—, PiC7Ps ClPeC-  
PiPsPIC-PrPsPjP»ClP»PsCfCl PI PsPeC7PµPjPëC... PIPëPiP°PrPeP°C... (PSP°PiC7PëPeP»P°Pr,  
P·P°PiP°PjPsC7PsCfPµPSPSCl, CfPsPSP»PëPIC—CfC,CH), PjPsP¶CfC,CH P·PjC-PSC7PIP°C,Pë  
C7PµP°PeCfC-C7 PrPs C,P°PePsC— PjC-C7Pë, C%Ps P·PrP°C,PSC—CfC,CH PePµC7CfPIP°C,Pë  
P°PIC,PsC,C7P°PSCfPiPsC7C,PsPj, PiC7P°CfC7PIP°C,Pë P· C-PSCëPëPjPë  
PjPµC...P°PSC-P·PjP°PjPë P°P±Ps PiC7P°CfC7PIP°C,Pë P±PµP· P·P°CfPsP±C-PI P±PµP·PiPµPePë  
PiPsPiC-C7CëCfC”C,CHCfCl. PiPµ P±C-P»CHCëPsC7 PjC-C7PsC7 CfC,PsCfCfC”C,CHCfCl  
PiPµC7C-PsPrC-PI PiPsCfP°C,PeCf P»C-PeCfPIP°PSPSCl, P·P±C-P»CHCëPµPSPSCl PrPsP·Pë,  
P·PjC-PSPë PiC7PµPiP°C7P°C,Cr C,P° PIP·P°C”PjPsPrC-C— P· P°P»PePsPiPsP»PµPj.

**PŸPiPsCfC-P± P·P°CfC,PsCfCzPIP°PSPSCl C,P° PrPsP·Pë**

PŸC,P°PSPPrP°C7C,PSP° PiPsCfP°C,PePsPIP° PrPsP·P° PjPsPeCfPsPSC-PrPëPSCf  
CfC,P°PSPsPIPëC,CH 0,2 PjPi PSP° PrPsP±Cf. P7P°PeCfPëPjP°P»CHPSP° C7P°P·PsPIP° PrPsP·P°  
B7” 0,4 PjPi. P7P°PeCfPëPjP°P»CHPSP° PrPsP±PsPIP° PrPsP·P° B7” 0,6 PjPi B7”  
P·P°CfC,PsCfPsPICfC”C,CHCfCl P·P° 2 PiC7PëPµPsPjPë. P”PsP·Cf CfP»C-Pr  
PiC-PrP±PëC7P°C,Pë C-PSPPrPëPIC-PrCfP°P»CHPSPs, P·P°P»PµP¶PSPs PIC-Pr C7PµP°PeCfC-C—  
PiP°CfC-C”PSC,P°.

P7PsPeCfPsPSC-PrPëPS PjPsP¶PSP° PiC7PëPµPjP°C,Pë PSPµP·P°P»PµP¶PSPs PIC-Pr  
PIP¶PëPIP°PSPSCl C—P¶C-, P·P°PiPëPIP°C7CfPë PSPµPIPµP»PëPePsC7 PeC-P»CHPeC—CfC,C7  
C7C-PrPëPSPë.

**PµPsC7CzCëPµPSPSCl C,,CzPSPeCfC-C— PSPëC7PsPe**

P”P»Cl PiP°CfC-C”PSC,C-PI P· PiPsPjC-C7PSPsC7 PSPëC7PePsPIPsC7  
PSPµPrPsCfC,P°C,PSC—CfC,C7 (PëP7Pα > 30 PjP»/C...PI, P°P»Pµ < 60 PjP»/C...PI)  
PiPsCfP°C,PePsPIP° PrPsP·P° PjPsPeCfPsPSC-PrPëPSCf CfC,P°PSPsPIPëC,CH 0,2 PjPi PSP°  
PrPsP±Cf. PµC7Pë PSPµPsP±C...C-PrPSPsCfC,C- C,P° Cr C7P°P·C- PrPsP±C7PsC—  
PiPµC7PµPSPsCfPëPjPsCfC,C- PiC7PµPiP°C7P°C,Cr PrPsP·Cf PjPsP¶PSP° PiC-PrPIPëC%PëC,Pë  
PrPs 0,4 PjPi PSP° PrPsP±Cf PrP»Cl PiP°CfC-C”PSC,C-PI P· PiPsPjC-C7PSPsC7  
PSPëC7PePsPIPsC7 PSPµPrPsCfC,P°C,PSC—CfC,C7 (PrPëPI. C7PsP·PrC-P»  
B«P7CfPsP±P»PëPIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSClB»).

*PμPScTjCzCεPμPSPSClI C,,CzPSPeCtC-C— PiPμCtC-PSPePë*

P"PsCfP»C-PrP¶PμPSPSClI C%oPsPrPs PiP°CtC-C"PSC,C-PI C-P· PiPsCtjCfCεPμPSPSClI PjPë C,,CfPSPeCtC-C— PiPμCtC-PSPePë PIC-PrCfCfC,PSC-. PhCfPeC-P»CHPePë PjPsPeCfPsPSC-PrPëPS PSPμ PiC-PrPrP°C"C,CHCfClI P°PeC,PëPIPSPsPjCf PjPμC,P°P±PsP»C-P·PjCf Cf PiPμCtC-PSCtC-, PSPμ PsCtC-PeCfC"C,CHCfClI P·PSP°C±PSPsPiPs PiPiP»PëPICf PSP° C,,P°CtjPjP°PePsPeC-PSPμC,PëPeCf. P' P·PiBf™ ClI P·PeCf P· CtPëPj CtjPμPePsPjPμPSPPrPsPiP°PSP° PrPsP·P° PrP»ClI PiP°CtC-C"PSC,C-PI C-P· P»PμPiPePëPjPë C,P° PiPsPjC-CtjPSPëPjPë PiPsCtjCfCεPμPSPSClI PjPë C,,CfPSPeCtC-C— PiPμCtC-PSPePë PIC-PrPiPsPIC-PrP°C" P·PiPëCtP°PNεPSC-PNε CtjPμPePsPjPμPSPPrPsPiP°PSC-PNε PrPsP·C- PrP»ClI PrPsCtjPsCfP»PëC....

*PÿCtjPëPiP°P»C-CfC,CH P·P°CfC,PsCfCfPiP°PSPSClI PSPμ PsP±PjPμP¶CfC"C,CHCfClI.*

PfPsCtP° Cf C...PsPrC- PsP±PjPμP¶PμPSPsPiPs CtPëCfP»P° PrPsCfP»C-PrP¶PμPSCH PiC-CfP»ClI CtjP°PiC,PsPiPsC— PIC-PrPjC-PSPë PiCtjPëPNεPsPjCf PjPsPeCfPsPSC-PrPëPSCf PiCtjPsCfPiCf PePsPSC,CtjCtjPμPiCfP»ClI CtC-C— P°CtjC,PμCtjC-P°P»CHPSPsPiPs C,PëCfPeCf (PμC,,PμPeC,Cf PIC-PrPjC-PSPë) PSPμ PIC-PrP·PSP°CtP°P»PsCfClI, CtjP°PiC,PsPiPμ PiCtjPëPiPëPSPμPSPSClI C,PμCtjP°PiC-C— PjPsPeCfPsPSC-PrPëPSPsPj (Cf CtjP°P·C- PSPμPsP±C...C-PrPSPsCfC,C-) PSPμ CtjPμPePsPjPμPSPPrCfC"C,CHCfClI, C%oPs P·P°P·PiPëCtP°PNε CfC,PsCfCfC"C,CHCfClI CfCfC-C... P°PSC,PëPiC-PiPμCtjC,PμPSP·PëPiPSPëC... P·P°CfPsP±C-PI. P"PsP·Cf PjPsPeCfPsPSC-PrPëPSCf CfP»C-Pr PiPsCfC,CfPiPsPiPs P·PjPμPSCεCfPiP°C,Pë PiCtjPsC,ClI PiPsPj PrPiPsC... C,PëP¶PSC-PI.

***P"C-C,Pë***

PñPsPeCfPsPSC-PrPëPS PSPμ CtjPμPePsPjPμPSPPrCfC"C,CHCfClI PrP»ClI P·P°CfC,PsCfCfPiP°PSPSClI PrC-C,ClI Pj C,P° PiC-PrP»C-C,PeP°Pj (PIC-PePsPj PrPs 18 CtjPsPeC-PI) CtPμCtjPμP· PSPμPrPsCfC,P°C,PSC-CfC,CH PrP°PSPëC... C%oPsPrPs P±PμP·PiPμPePë C,P° PμC,,PμPeC,PëPIPSPsCfC,C- PiCtjPμPiP°CtjP°C,Cf PrP»ClI CtC-C"C— PiCtjCfPiPë PiP°CtC-C"PSC,C-PI.

***PμPμCtjPμPrPsP·CzPiP°PSPSClI***

*PÿPëPjPiC,PsPjPë PiPμCtjPμPrPsP·CzPiP°PSPSClI*

P' PsPeCtjPμPjPëC... PiPëPiP°PrPeP°C... PiPμCtjPμPrPsP·CfPiP°PSPSClI PjPsPeCfPsPSC-PrPëPSCf, PSP°PIC-C,CH Cf PrPsP·C- 19,6 PjPi, PiCtjPëPNεPSClI C,C-PNε P·P° 1 CtjP°P·, PSPμ PiCtjPëP·PiPsPrPëP»Ps PrPs P»PμC,P°P»CHPSPsPiPs PSP°CfP»C-PrPeCf. PhP·PSP°PePë C,P° CfPëPjPiC,PsPjPë PiPμCtjPμPrPsP·CfPiP°PSPSClI PiPeP»CtCtP°CtC,CH PiPsP»PsPiPSPëPNε P±C-P»CH, CfPμPrP°C,PëPiPSPëPNε PμC,,PμPeC,, CfPsPSP»PëPIC-CfC,CH, P°CtjC,PμCtjC-P°P»CHPSCf PiC-PiPsC,PμPSP·C-Ct, P·P°PiP°PjPsCtjPsCtPμPSPSClI, P°CfC,PμPSC-Ct, P±CtjP°PrPëPeP°CtjPrC-Ct, CfCfC...C-CfC,CH Cf CtjPsC,C-, P±P»CtjPiP°PSPSClI, PIC,PsPjCf, P±C-P»CH Cf PiPμCtjC...PSC-PNε PrC-P»ClI PSCtC- P¶PëPiPsC,P°. Pj CtjP°P·C- C,ClI P¶PePsPiPs PiPμCtjPμPrPsP·CfPiP°PSPSClI CtjPμPePsPjPμPSPPrCfC"C,CHCfClI CtjPμC,PμP»CHPSPëPNε PjPsPSC-C,PsCtjPëPSPi C%oPsPrPs PiPëPSPëPePSPμPSPSClI PiPsCtjCfCεPμPSCH CfPIC-PrPsPjPsCfC,C- C,P°

PiC7P8PiPSC-C#PmPSPSCi PrP8C...P°PSPSCi.

PmC7P8 PIP8PiP°PrPePsPIPsPjCr PiC7P8PN8PsPjC- PrPIPsC7C-C#PSPsC7 PrP8C,P8PSPsC7  
PSPmPIC-PrPsPjPsC— PeC-P»CHPePsC7C,C- PjPsPeC7PsPSC-PrP8PSCr (PjPsP¶P»P8PIPs, 14 PjPi)  
C7PiPsC7C,PmC7C-PiP°P»P8C7C7 C7PmPrP°C,P8PIPsP8PN8 PmC,,PmPeC,, PePsPjP°,  
P°C7C,PmC7C-P°P»CHPSP° PiC-PiPsC,PmPSP·C-C7, PjC-PsP· C- PrP8C7PiPSPsPm.  
PmC7PsPjP8PIP°PSPSCi C8P»C7PSPeP°, C-PSC,,C7P·C-C7 PiP»C7PePsP·P8,  
PePsPSC,C7PsP»CHPsPIP°PSP° PIPmPSC,P8P»C7C7C-C7 P»PmPiPmPSC-PI C,P°  
C-PjPjPsP±C-P»C-P·P°C7C-C7 PiC7P8P·PIPmP»P8 PrPs PiPsPIPsP8PiPs P·PSP8PePSPmPSPSCi  
C7P8PjPiC,P8PjC-PI PiC7PsC,C7PiPsPj 11 PiPsPrP8Ps.

P— PsPiP»C7PrC7 PSP° PrPsC7P»C-PrP¶PmPSPSCi P·P°C7C,P8C7C7PiP°PSPSCi  
PIP8C7PsPeP8C... PrPsP· PiC7PmPiP°C7P°C,C7 Cr C,PIP°C7P8PS, PrPsPrP°C,PePsPIPs PjPsP¶PSP°  
PsC7C-PeC7PIP°C,P8 PiPsC7PICr PsC7C,P8C7C,P°C,P8C#PSPsC— PrP8C7C7PmPiCrP»C7C7C-C—,  
C,P8PjC7P°C7PsPIPsC— PiC-PiPmC7C,PmPSP·C-C—, C,P°C...C-PeP°C7PrC-C— C-  
PiC-PiPmC7PiP»C-PePmPjC-C—.

*PkPmPsP±C...C-PrPSC- P·P°C...PsPrP8 PiC7P8 PiPmC7PmPrPsP·C7PIP°PSPSC-*

P8PiPmC7P8C,,C-C#PSC- P°PSC,P8PrPsC,P8 PSPmPIC-PrPsPjC-. Pj C7P°P·C-  
PiC-PiPsC,PmPSP·C-C— PrP»C7 PiC-PrC,C7P8PjPeP8 PiPmPjPsC7P8C7PeC7P»C7C7C-C—  
C7PmPePsPjPmPSPPrC7C”C,CHC7C7 P·P°C7C,P8C7C7PiP°PSPSCi PrPsPiP°PjC-PSCr C-  
PIPIPmPrPmPSPSCi PiP»P°P·PjPsP·P°PjC-PSPSP8C... C7PsP·C#P8PSC-PI. PmC7P8 PiPsC7PIC-  
P±C7P°PrP8PeP°C7PrC-C— PjPsP¶PSP° P·P°C7C,P8C7PsPICrPIP°C,P8 P°C,C7PsPiC-PS.

P8PSC,P°PiPsPSC-C7C,P8 α-P°PrC7PmPSPsC7PmC7PmPiC,P8C7C-PI PjPsP¶C7C,CH  
P·PjPmPSC8P8C,P8 P°P±Ps CrC7C7PSCrC,P8 PiP°C7P°PrPsPeC7P°P»CHPSC-  
PiC-PiPmC7C,PmPSP·P8PIPsC- PmC,,PmPeC,P8 PiPmC7PmPrPsP·C7PIP°PSPSCi  
PjPsPeC7PsPSC-PrP8PSCr.

**PmPsP±C-C#PSC- C7PmP°PeC7C-C—**

PkP°PN8C7P°C7C,C-C8C- PiPsP±C-C#PSC- C7PmP°PeC7C-C— PiC7P8 PiC7P8PN8PsPjC-  
PjPsPeC7PsPSC-PrP8PSCr PIPeP»C7C7P°C7C,CH C7C7C...C-C7C,CH Cr C7PsC,C-,  
P·P°PiP°PjPsC7PsC7PmPSPSCi, P°C7C,PmPSC-C7 C,P° C7PsPSP»P8PIC-C7C,CH. PjC-  
C7P8PjPiC,P8PjP8 C7P°C7C,P8 P·PjPmPSC8C7C7C,CHC7C7 PiC-C7P»C7 PiPmC7C8P8C...  
PeC-P»CHPePsC... C,P8P¶PSC-PI P»C-PeC7PIP°PSPSCi.

PkP8P¶C7Pm PSP°PIPmPrPmPSPs P·PiC7C7PiPsPIP°PSC- P·P° PeP»P°C7P°PjP8 C7P8C7C,PmPj  
PsC7PiP°PSC-P·PjCr C,P° C7PsP·PiPsPrC-P»PmPSC- P·P° C7P°C7C,P8C,P8C7 (PrC7P¶Pm  
C7P°C7C,P8 (³ 1/10), C7P°C7C,P8 (³ 1/100 B7” < 1/10), PSPmC7P°C7C,P8 (³ 1/1000 B7” < 1/100))  
PiPsP±C-C#PSC- C7PmP°PeC7C-C—, C%Ps C7PiPsC7C,PmC7C-PiP°P»P8C7C7 PiC7PsC,C7PiPsPj  
PiP»P°C7Pm±Ps-PePsPSC,C7PsP»CHPsPIP°PSP8C... PeP»C-PSC-C#PSP8C...  
PrPsC7P»C-PrP¶PmPSC7 Cr 886 PiP°C7C-C”PSC,C-PI, C7PeC- P·P°C7C,P8C7PsPICrPIP°P»P8  
PjPsPeC7PsPSC-PrP8PS.

P— P±PsPeC7 PiC7P8C...C-PeP8: C7P°C7C,P8 B7” P±PmP·C7PsPSPSCi; PSPmC7P°C7C,P8 B7”  
P·PSPmC7PIP8PIP°PSC-C7C,CH.

P— P±PsPeC7 PSPmC7PIP8PIPsC— C7P8C7C,PmPjP8: C7P°C7C,P8 B7” PiPsP»PsPIPSP8PN8  
P±C-P»CH\*, P·P°PiP°PjPsC7PsC7PmPSPSCi, PIPmC7C,P8PiPs, C7PsPSP»P8PIC-C7C,CH;

PSPμC±P°CÍC,Ps вЂ“ PSPμPíCЂPëC,PsPjPSC-CÍC,CH\*.

P— P±PsPeCз PsCЂPíP°PSC-PI CÍP»CзC...Cз C,P° P»P°P±C-CЂPëPSC,Cз: PSPμC±P°CÍC,Ps вЂ“ PrP·PIC-PS Cí PICíC...P°C....

P— P±PsPeCз CÍPμCЂC†PμPIPс-CÍCзPrPëPSPSPс— CÍPëCÍC,PμPjPë: PSPμC±P°CÍC,Ps вЂ“ P±CЂP°PrPëPeP°CЂPrC-CИ, PiC-PiPsC,PμPSP·C-CИ\* (PIPeP»CЂC±P°CЂC±Pë PsCЂC,PsCÍC,P°C,PëC±PSCí PiC-PiPsC,PμPSP·C-CЂ).

P— P±PsPeCз C€P»CзPSPePsPIPs-PePëC€PePsPIPsPiPs C,CЂP°PeC,Cз: PrCíP¶Pμ C±P°CÍC,Ps вЂ“ CÍCíC...C-CÍC,CH Cí CЂPsC,C-; C±P°CÍC,Ps вЂ“ PrC-P°CЂPμCИ, PSCíPrPsC,P°, P±P»CЂPIP°PSPSCИ, PrPëCÍPíPμPíCÍC-CИ.

P— P±PsPeCз C€PeC-CЂPë C,P° PíC-PrC€PeC-CЂPSPс— C,PeP°PSPëPSPë: C±P°CÍC,Ps вЂ“ PIPëCÍPëPíP°PSPSCИ, CÍPIPμCЂP±C-P¶; PSPμC±P°CÍC,Ps вЂ“ P°PSPiC-PsPSPμPICЂPsC,PëC±PSPëP№ PSP°P±CЂCИPe.

P— P±PsPeCз CÍPePμP»PμC,PSPs-PjвЂ™ CИP·PsPIPsC— CÍPëCÍC,PμPjPë C,P° CÍPíPsP»CзC±PSPс— C,PeP°PSPëPSPë: C±P°CÍC,Ps вЂ“ P±C-P»CH Cí CÍPíPëPSC-; PSPμC±P°CÍC,Ps вЂ“ P±C-P»CH Cí C€PëC—.

P— P°PiP°P»CHPSC- PíPsCЂCзC€PμPSPSCИ: C±P°CÍC,Ps вЂ“ P°CÍC,PμPSC-CИ; PSPμC±P°CÍC,Ps вЂ“ PSP°P±CЂCИPe.

\* P§P°CÍC,PsC,P° PSPμ PíC-PrPIPëC%PμPSP° PíPsCЂC-PIPSCИPSPs P· PíP»P°C†PμP±Ps.

PμPsPIC-PrPsPjP»PμPSPSCИ PíCЂPs PíC-PrPsP·CЂCЂPIP°PSC- PSPμP±P°P¶P°PSC- PíPsP±C-C±PSC- CЂPμP°PeC†C-C—

PμPsPIC-PrPsPjP»PμPSPSCИ PíCЂPs PíPsP±C-C±PSC- CЂPμP°PeC†C-C— PíC-CÍP»CИ CЂPμC”CÍC,CЂP°C†C-C— P»C-PeP°CЂCÍCHPePsPiPs P·P°CÍPsP±Cí PjP°C” PIP°P¶P»PëPIPμ P·PSP°C±PμPSPSCИ. PíPμ PrP°C” P·PjPsPíCí PíCЂPsPIPsPrPëC,Pë PjPsPSC-C,PsCЂPëPSPi CÍPíC-PIPIC-PrPSPсC€PμPSPSCИ PePsCЂPëCÍC,CH / CЂPëP·PëPe PíCЂPë P·P°CÍC,PsCÍCíPIP°PSPSC- C†CHPsPiPs P»C-PeP°CЂCÍCHPePsPiPs P·P°CÍPsP±Cí. P№PμPrPëC±PSPëPj C,P° C„P°CЂPjP°C†PμPIC,PëC±PSPëPj PíCЂP°C†C-PIPSPëPeP°Pj, P° C,P°PePsP¶ PíP°C†C-C”PSC,P°Pj P°P±Ps C—C...PSC-Pj P·P°PePsPSPSPëPj PíCЂPμPrCÍC,P°PIPSPëPeP°Pj CÍP»C-Pr PíPsPIC-PrPsPjP»CИC,Pë PíCЂPs CíCÍC- PIPëPíP°PrPePë PíC-PrPsP·CЂCЂPIP°PSPëC... PíPsP±C-C±PSPëC... CЂPμP°PeC†C-P№ C,P° PIC-PrCÍCíC,PSPсCÍC,C- PμC„PμPeC,PëPIPSPсCÍC,C- P»C-PeP°CЂCÍCHPePsPiPs P·P°CÍPsP±Cí C±PμCЂPμP· PђPIC,PsPjP°C,PëP·PsPIP°PSCí C-PSC„PsCЂPjP°C†C-P№PSCí CÍPëCÍC,PμPjCí P· C„P°CЂPjP°PePsPSP°PiP»CИPrCí P·P° PíPsCÍPëP»P°PSPSCИPj: <https://aisf.dec.gov.ua/>.

**PђPμCЂPjC-PS PíCЂPëPrP°C,PSPсCÍC,C-**

2 CЂPsPePë.

**PjPjPsPIPë P·P±PμCЂC-PiP°PSPSCИ**

P’ PsCЂPëPiC-PSP°P»CHPSC-P№ CíPíP°PePsPIC†C- PíCЂPë C,PμPjPíPμCЂP°C,CíCЂC- PSPμ

PIPëC%oPµ 25 B°PŸ. P—P±PµCĤC—PiP°C,Pë PI PSPµPrPsCĤC,CfPiPSPsPjCf PrP»CĤ PrC—C,PµPNö  
PjC—CĤC†C—.

### **PJPiP°PePsPIPeP°**

PµPs 10 C,P°P±P»PµC,PsPe PI P±P»C—CĤC,PµCĤC—, PīPs 2 P±P»C—CĤC,PµCĤPë PI PīP°C†C†C—.

### **PльP°C,PµPiPsCĤC—CĤ PIC—PrPīCfCĤPeCf**

P—P° CĤPµC†PµPīC,PsPj.

### **P'PëCĤPsP±PSPëPe**

PµPĥPŸ B«PльPëC—PIPjPµPrPīCĤPµPīP°CĤP°C,B».

### **PльC—CĤC†PµP·PSP°C...PsPrP¶PµPSPSCĤ PIPëCĤPsP±PSPëPeP° C,P° P°PrCĤPµCĤP° PjC—CĤC†CĤ PīCĤPsPIP°PrP¶PµPSPSCĤ PNöPsPiPs PrC—CĤP»CHPSPsCĤC,C—**

PJPeCĤP°C—PSP°, 01032, Pj. PльPëC—PI, PICfP». PŸP°PeCĤP°PiP°PSCĤCHPePsPiPs, 139.