

Р†РќРЎРЎР РЈРЉРІР†РЇ

**PrP»CЦ PjPμPrPëC‡PSPsPiPs P•P°CíC,PsCíCíPIP°PSPSCЦ P»C-PeP°CĤCíCĤPePsPiPs
P•P°CíPsP±Cí**

P“P>PJPyPhP P“P†P’K

(GLUTARGIN)

$$P\check{Y}P\epsilon P\gg P^{\circ}P\Gamma:$$

PrC-C_HC≠P° C_HP_μC≠PsPIPëPSP°: arginine glutamate;

1 PjP» PiC₇P_μPiP°C₇P°C, Cr PjC-C₇C, P₆C, CH₃ P°C₇PiC-PSC-PSCr PiP»C₇C, P°PjP°C, Cr 400 PjPi;

$$P\tau P s P i P s P j C-P \P P S P^{\circ} C \tilde{h} P \mu C \# P s P I P \ddot{e} P S P^{\circ}: P I P s P \tau P^{\circ} P \tau P \gg C \downarrow C-P S B \tilde{h}^{\text{TM}} C^{\prime \prime} P e C \dagger C-P N e.$$

**P·C-PeP°CTГCTHPeP° C,,PsCTHPjP°. PлPsPSC†PμPSC,CГP°C, PrP»CЦ CTГPsP·C†PëPSC†
PrP»CЦ C-PSC,,CrP·C-PN₂.**

*PhCl'PSPsPIPSC- C,,C-P·PëPePs-C...C-PjC-C#PSC- PIP»P°Cl'C,PëPIPsCl'C,C-: PìCḡPsP·PsCḡPëPNḡ
CḡPsP·C#PëPS P¶PsPIC,CrPIP°C,PsPiPs PePsP»CHbPsCḡCr.*

[illegible]

$P\alpha P^{\circ}C\bar{H}PjP^{\circ}P\epsilon PsP\gg PsPiC-C\ddagger PSC-PIP\gg P^{\circ}C\bar{I}C,P\ddot{e}PIPsC\bar{I}C,C-$

PαP°CṪḡPḡP°PePsPrPḡPSP°PjC-PeP°. B P“P»CṛC,P°CṪḡPiC-PS C” CṼPṼPsP»CṛC‡PμPSPSCṼPj
P°CṪḡPiC-PSC-PSCṛ C- PiP»CṛC,P°PjC-PSPsPiPsC— PePḡCṼP»PsC,Pḡ, CṼPeC-
PIC-PrC-PiCṪḡP°CṼC,CH PIP°PḡP»PḡPICṛ CṪḡPsP»CH Cṛ P·P°P±PμP·PṼPμC‡PμPSPSC-
P±C-PsC...C-PjC-C‡PSPḡC... PiCṪḡPsC‡PμCṼC-PI PSPμPḡC,CṪḡP°P»C-P·P°C‡C-C— C-
PIPḡPIPμPrPμPSPSCṼ P· PsCṪḡPiP°PSC-P·PjCṛ PIPḡCṼPsPePsC,PsPeCṼPḡC‡PSPsPiPs
PjPμC,P°P±PsP»C-C,Cṛ PsP±PjC-PSCṛ P°P·PsC,PḡCṼC,PḡC... CṪḡPμC‡PsPIPḡPS BṪḡ” P°PjC-P°PeCṛ.
P“C-PṼPsP°PjPsPSC-C”PjC-C‡PSC- PμC,,PμPeC,Pḡ PiCṪḡPμPṼP°CṪḡP°C,Cṛ
CṪḡPμP°P»C-P·CṛCṼC,CHCṼCṼ CḡP»CṼC...PsPj P°PeC,PḡPIP°C‡C-C—
P·PSPμCḡPePsPrPḡPμPSPSCṼ P°PjC-P°PeCṛ PI PsCṪḡPSC-C,PḡPSPsPiPsPjCṛ C‡PḡPeP»C-
CṼPḡPSC,PμP·Cṛ CṼPμC‡PsPIPḡPSPḡ, P·PiBṪḡ™ CṼP·CṛPIP°PSPSCṼ P°PjC-P°PeCṛ Cṛ
PSPμC,PsPeCṼPḡC‡PSPḡPḡ PiP»CṛC,P°PjC-PS, P° C,P°PePsPḡ PiC-PrCṼPḡP»PμPSPSCṼ
PIPḡPIPμPrPμPSPSCṼ P°PjC-P°PeCṛ P· C‡PμPSC,CṪḡP°P»CHPSPsC— PSPμCṪḡPiPsPiPsC—
CṼPḡCṼC,PμPjPḡ C- PḡPsPiPs PμPeCṼPḡCṼPμC‡C-C— P· PsCṪḡPiP°PSC-P·PjCṛ. P—P°PIPrCṼPePḡ
C‡PḡPj PIP»P°CṼC,PḡPIPḡCṼC,CṼPj P“P»CṛC,P°CṪḡPiC-PSCṛ P·PSPḡPḡCṼC,CHCṼCṼ
P·P°PiP°P»CHPSPsC,PsPeCṼPḡC‡PSC-, Cṛ C,PsPjCṛ C‡PḡCṼP»C- PSPμPḡCṼPsC,PsPeCṼPḡC‡PSC-
PμC,,PμPeC,Pḡ P°PjC-P°PeCṛ.

P“P»CfC,P°CḡPiC-PS C‡PëPSPëC,CH C,P°PePsP¶ PiPµPiP°C,PsPiCḡPsC,PµPeC,PsCḡPSCr PrC-CH
P·P°PIPrCḡPePë CḡPIPsC—Pj P°PSC,PëPsPeCḡPëPrP°PSC,PSPëPj,
P°PSC,PëPiC-PiPsPeCḡPëC‡PSPëPj C- PjPµPjP±CḡP°PSPsCḡC,P°P±C-P»C-P·CḡCHC‡PëPj
PIP»P°CḡC,PëPIPsCḡC,CḡPj, PiPsP·PëC,PëPIPSPs PIPiP»PëPIP°C” PSP° PiCḡPsC‡PµCḡPë
PµPSPµCḡPiPsP·P°P±PµP·PiPµC‡PµPSPSCḡ Cr PiPµPiP°C,PsC‡PëC,P°C....

PµCḡPë P°P»PePsPiPsP»CHPSC-PNë C-PSC,PsPeCḡPëPeP°C‡C-C— P“P»CfC,P°CḡPiC-PS
CḡC,PëPjCḡP»CHC” CrC,PëP»C-P·P°C‡C-CH P°P»PePsPiPsP»CH Cr
PjPsPSPsPsPeCḡPëPiPµPSP°P·PSC-PNë CḡPëCḡC,PµPjC- PiPµC‡C-PSPePë, PiPsPiPµCḡPµPrP¶P°C”
PiCḡPëPiPSC-C‡PµPSPSCḡ PeP»CHC‡PsPIPsPiPs C„PµCḡPjPµPSC,Cr CrC,PëP»C-P·P°C‡C-C—
PµC,P°PSPsP»Cr Bḡ” P°P»PePsPiPsP»CHPrPµPiC-PrCḡPsPiPµPSP°P·Pë; PiCḡPëCḡPePsCḡCHC”
C-PSP°PeC,PëPIP°C‡C-CH C- PIPëPIPµPrPµPSPSCḡ C,PsPeCḡPëC‡PSPëC... PiCḡPsPrCḡPeC,C-PI
PjPµC,P°P±PsP»C-P·PjCḡ PµC,P°PSPsP»Cr Cr CḡPµP·CḡP»CHC,P°C,C- P·P±C-P»CHC€PµPSPSCḡ
CrC,PIPsCḡPµPSPSCḡ C,P° PsPePëCḡPSPµPSPSCḡ P±CḡCḡC€,PëPSPsPIPsC— PePëCḡP»PsC,Pë;
P·PSPëP¶CḡC” PiCḡPëPiPSC-C‡CḡPIP°P»CHPSPëPNë PIPiP»PëPI P°P»PePsPiPsP»CH PSP°
C‡PµPSC,CḡP°P»CHPSCr PSPµCḡPIPsPICr CḡPëCḡC,PµPjCḡ P·P° CḡP°C...CrPSPsPe
PSPµPNëCḡPsPjPµPrC-P°C,PsCḡPSPëC... PIP»P°CḡC,PëPIPsCḡC,PµPNë
P·P±CḡPrP¶CḡPIP°P»CHPSPsC— PiP»CḡC,P°PjC-PSPsPIPsC— PePëCḡP»PsC,Pë. P—P°PIPrCḡPePë
C‡PëPj PIP»P°CḡC,PëPIPsCḡC,CḡPj P“P»CfC,P°CḡPiC-PS PIPëCḡPIP»CḡC”
P°PSC,PëC,PsPeCḡPëC‡PSC- C- PIPëC,PIPµCḡPµP·PSC- PµC„PµPeC,Pë.

PµCḡPë PiP°C,PsP»PsPiC-C— PIP°PiC-C,PSPsCḡC,C- P·P°PIPrCḡPePë
PµPSPPrPsC,PµP»C-PNëPiCḡPsC,PµPeC,PëPIPSC-PNë PrC-C— P“P»CfC,P°CḡPiC-PS
P·PjPµPSC€CḡC” PiPsCḡCḡC€PµPSCr PiCḡPsPSPëPePSC-CḡC,CH C-
C,CḡPsPjP±PsCḡPµP·PëCḡC,PµPSC,PSC-CḡC,CH CḡCḡPrPëPS, PiPsPiPµCḡPµPrP¶CḡC”
PiC-PiPµCḡPePsP°PiCḡP»CḡC‡C-CH, P·PSPëP¶CḡC” C‡CḡC,P»PëPIC-CḡC,CH CḡCḡPrPëPS PrPs
CḡCḡPrPëPSPsP·PICrP¶CḡPIP°P»CHPSPëC... P°PiPµPSC,C-PI (PµPSPPrPsC,PµP»C-PS,
P°PSPiC-PsC,PµPSP·PëPS, C,CḡPsPjP±PsPeCḡP°PS), C%Ps PIPëPeP»PëPeP°CHC,CH
PiPµPSPµCḡP°P»C-P·PsPIP°PSPëPNë PIP°P·PsCḡPiP°P·Pj. PḡCḡPiC-PSC-PS PiC-CḡP»Cḡ
PiPsPiPµCḡPµPrPSCḡPsC— P±C-PsC,CḡP°PSCḡC„PsCḡPjP°C‡C-C— PI PsPeCḡPëPr P°P·PsC,Cḡ
PIPëCḡPIP»CḡC” CḡCḡPrPëPSPsCḡPsP·C€PëCḡCHPIP°P»CHPSCr PrC-CH, PiPsP·PëC,PëPIPSPs
PIPiP»PëPIP°C” PSP° P·PiPsCḡC,P°PSPSCḡ PeCḡPsPIC- C- C„CḡPSPeC‡C-PsPSP°P»CHPSC-
PIP»P°CḡC,PëPIPsCḡC,C- C‡PëCḡPeCḡP»CHCHC‡PëC... PµP»PµPjPµPSC,C-PI PeCḡPsPIC-. Pj
CḡPµP·CḡP»CHC,P°C,C- CḡCḡPrPëPSPsCḡPsP·C€PëCḡCHPIP°P»CHPSPëC... C-
P°PSC,PëPiC-PiPsPeCḡPëC‡PSPëC... PµC„PµPeC,C-PI P“P»CfC,P°CḡPiC-PSCr
PiPsP»C-PiC€CḡC”C,CHCḡCḡ PjP°C,PµCḡPëPSCḡCHPePs-PiP»PsPrPsPIP°
PiPµPjPsPrPëPSP°PjC-PeP°, P·PSPëP¶CḡC”C,CHCḡCḡ PIPSCrC,CḡC-C€PSCḡPsCḡC,CḡPsP±PSP°
PiC-PiPsPeCḡC-Cḡ PiP»PsPrP°. PµCḡPë PiP°C,PsP»PsPiC-C— PIP°PiC-C,PSPsCḡC,C-
PiCḡPµPiP°CḡP°C, PIPëCḡPIP»CḡC” C,P°PePsP¶ P°PSC,PëC,PsPeCḡPëC‡PSCr C-
PiPµPiP°C,PsP·P°C...PëCḡPSCr P°PeC,PëPIPSC-CḡC,CH, PIPëCḡC,CḡPiP°C” CḡPe
PSPµCḡPiPµC‡PëC„C-C‡PSPëPNë PjPµC,P°P±PsP»C-C‡PSPëPNë CḡPµPiCḡP»CḡC,PsCḡ
PsP±PjC-PSPSPëC... PiCḡPsC‡PµCḡC-PI. P—P°PIPrCḡPePë C‡PëPj PIP»P°CḡC,PëPIPsCḡC,CḡPj
P“P»CfC,P°CḡPiC-PSCr Cr PiPµCḡC-PsPr PIP°PiC-C,PSPsCḡC,C- P·PSPëP¶CḡC”C,CHCḡCḡ
CḡC-PIPµPSCḡ C‡PëCḡPeCḡP»CHCHC‡PëC... Cr PeCḡPsPIC- C-PjCḡPSPSPëC...
PePsPjPiP»PµPeCḡC-PI, P·PjPµPSC€CḡC”C,CHCḡCḡ PIPëCḡP°P·PSC-CḡC,CH CḡPëPSPPrCḡPsPjCḡ
B«PjPµC,P°P±PsP»C-C‡PSPsC—B» C-PSC,PsPeCḡPëPeP°C‡C-C— C,P°
C-PjCḡPSPsC,PsPeCḡPëPePsP·Cḡ, PiC-PrPIPëC%CrCHC,CHCḡCḡ PePsPjPiPµPSCḡP°C,PsCḡPSPs-
PiCḡPëCḡC,PsCḡCḡPIP°P»CHPSC- CḡPµP°PeC‡C-C— PsCḡPiP°PSC-P·PjCḡ.

P“P»CfC,P°CḡPiC-PS PSPµ PIPëCḡPIP»CḡC” PµPjP±CḡC-PsC,PsPeCḡPëC‡PSPëC...,
PiPsPSP°PrPsC,PsPeCḡPëC‡PSPëC..., PjCḡC,P°PiPµPSPSPëC... C- C,PµCḡP°C,PsPiPµPSPSPëC...

РµC,,РµРёC,C-PI, PSPµ PIPёРёР»РёРёР°C" Р°Р»РµCґРiC-CґPSPёC... C,Р°
C-PjCрPSPsC,PsPeCґPёCґPSPёC... CґРµР°Р°CґC-PNё.

РґР°CґPjP°PePsPeC-PSPµC,РёРёР°. РёРµ РrPsCґP»C-PrPґCрPIP°P»Р°CґCH.

РљР»Р»C-PSC-CґPSC- C...Р°CґР°РёC,РµCґPёCґC,РёРёРё.

РµPsPeP°P·Р°PSPSCII. Pj PePsPjPіP»РµРёCґPSC-PNё C,РµCґР°РiC-C— PіPsCґC,CґPёC... C-
C...CґPsPSC-CґPSPёC... PіРµPіP°C,РёC,C-PI CґC-P·PSPsC— РµC,C-PsP»PsPіC-C—, Cр C,PsPjCр
CґPёCґP»C- PіCґPё PsC,CґCрC"PSPSC- PіРµPіP°C,PsC,CґPsPіPSPёPjPё PsC,CґCрC,Р°PjPё
(P±P»C-PrPsCґ PіPsPіP°PSPePsCґ, C...C-PjC-CґPSPёPjPё C,Р° Р»C-PeP°CґCґCHPePёPjPё
CґРµCґPsPIPёPSP°PjPё), CґPёCґPsP·C- PіРµCґC-PSPePё, P»РµPіC,PsCґPіC-CґPsP·C-.

РµРµCґC-PSPePsPIP° РµPSCґРµC,,Р°P»PsPіP°C,C-Cґ, PіCґРµPePsPjP° C- PePsPjP°, C%Ps
CґCрPіCґPsPIPsPrPґCрCґC,CHCґCґ PіC-PіРµCґP°PjPsPSC-C"PjC-C"CH.

РґC,Р°PS PіPsCґC,CґPsPіPs Р°P»PePsPіPsP»CHPSPsPіPs PsC,CґCрC"PSPSCґ
CґРµCґРµPrPSCґPsPіPs C- C,CґPґPePsPіPs CґC,CрPіРµPSCґ, Cр C,PsPjCр CґPёCґP»C-
Р°P»PePsPіPsP»CHPSP° РµPSCґРµC,,Р°P»PsPіP°C,C-Cґ C- PePsPjP°.

PjCґPeP»Р°PrPSPµPSPSCґ Cр III C,CґPёPjРµCґC,CґC- PIP°PіC-C,PSPsCґC,C-: PіC-P·PSC-PNё
PіРµCґC,PsP·, PIPeP»CHCґP°CHCґPё C,CґPґPeC- PNёPsPіPs C,,PsCґPjPё Bґ"
PіCґРµРµP»P°PjPіCґC-CH C- РµPеP»P°PjPіCґC-CH, C,,РµC,PsPіP»P°CґРµPSC,Р°CґPSP°
PSPµPrPsCґC,Р°C,PSC-CґC,CH, C...CґPsPSC-CґPSC- PіP°C,PsP»PsPіC-C—
PіРµPіP°C,PsP±C-P»C-Р°CґPSPsC— CґPёCґC,РµPjPё Cр PIP°PіC-C,PSPёC....

РµCґPsC,РёPіPsPeP°P·Р°PSPSCII. РµC-PrPIPёC%РµPSP° CґCрC,P»PёPIC-CґC,CH PrPs
PePsPjPіPsPSPµPSC,C-PI PіCґРµPіP°CґР°C,Cр, PіCґPsPіP°CґPSPёCґCґ, PіC-PrPIPёC%РµPSP°
P·P±CрPrP»PёPIC-CґC,CH, C,CґPґPePµ PіPsCґCрCµPµPSPSCґ
C,,C-P»CHC,CґP°CґC-PNёPSPsC— (Р°P·PsC,PsPIPёPrC-P»CHPSPsC—) C,,CрPSPeCґC-C—
PSPёCґPsPe.

**Р°P·Р°C"РjPsPrC-Cґ P· C-PSCёPёPjPё Р»C-PeP°CґCґCHPePёPjPё Р·P°CґPsP±P°PjPё C,Р°
C-PSCёC- PIPёPrPё PIP·Р°C"РjPsPrC-PNё.** Р·C,,РµРёC, Р"Р»CрC,Р°CґРiC-PSCр PSP°
CґРµPeCґРµCґC-CH C-PSCґCрP»C-PSCр PіC-PrPIPёC%CрC"CHCґCґ PіCґPё
PsPrPSPsCґP°CґPSPsPjCр PіCґPёP·PSP°CґРµPSPSC- Р°PjC-PSPsC,,C-P»C-PSCр.
Р"Р»CрC,Р°CґРiC-PS PjPsPґРµ PіC-PrCґPёP»CHPIP°C,Рё РµC,,РµРёC,
Р°PSC,РёР°PіCґРµPіP°CґC-PNёPSPёC... Р·P°CґPsP±C-PI (PrPёPіC-CґPёPrP°PjPsP»Cр).
РµPsPіРµCґРµPrPґP°C" C- PіPsCґP»P°P±P»CHC" PSPµPNёCґPsC,PsPeCґPёCґPSC-
CґPIPёC%Р°, CґPeC- PjPsPґCрC,CH PIPёPSPёPePSCрC,Рё PіCґPё Р·P°CґC,PsCґCрPIP°PSPSC-
C-P·PsPSC-Р°P·PёPrCр. РµPsCґP»P°P±P»CHC" РµC,,РµРёC, PIC-PSP±P»P°CґC,РёPSCр.

РhCґPsP±P»PёPIPсCґC,C- Р·P°CґC,PsCґCґPIP°PSPSCII. РµCґPё PіCґPёP·PSP°CґРµPSPSC-

РiР°C†C-C"PSC,P°Pj P· PиPsCґCґCґPμPSPSCЦPjPө C,,CґPSPeC†C-PNө PμPSPPrPsPeCґPөPSPSPөC...
P·P°P»PsP· CґP»C-Pr PICґP°C...PsPICґPIP°C,Pө, C%Ps PиCґPμPиP°CґP°C, CґC,PөPjCґP»CґC"
CґPμPeCґPμC†C-Cґ C-PSCґCґP»C-PSCґ C- PиPsCґPjPsPSP° CґPsCґC,Cґ. P"»CґC,P°CґPiC-PS
P°PeC,PөPICґC" P·PiBґ™ CЦP·CґPIP°PSPSCЦ P°PjC-P°PeCґ Cґ CґPμC†PsPIPөPSCґ, C%Ps
P·P°PePsPSPsPjC-CґPSPs PjPsP¶Pμ CґCґPиCґPsPиPsPrP¶CґPIP°C,PөCґCЦ
PePsCґPsC,PePsC†P°CґPSPөPj PиC-PrPIPөC%PμPSPSCЦPj C—C— CґC-PIPSCЦ Cґ PeCґPsPIC-.

**P—P°CґC,PsCґCзPIP°PSPSCЦ Cз PиPμCґC-PsPr PIP°PiC-C,PSPsCґC,C- P°P±Ps
PiPsPrCзPIP°PSPSCЦ PiCґCзPrPrCґ. P'PμP·PиPμPeP° PeP»C-PSC-C†PSPsPiPs
P·P°CґC,PsCґCґPIP°PSPSCЦ PиCґPμPиP°CґP°C,Cґ Cґ PиPμCґC-PsPr PIP°PiC-C,PSPsCґC,C- Cґ I
C- II C,CґPөPjPμCґC,CґP°C... PIP°PiC-C,PSPsCґC,C- C- PиCґPө PiPsPrCґPIP°PSPSC-
PiCґCґPrPrCґ PSPμ PrPsCґP»C-PrP¶PμPSP°.**

**P—PrP°C,PSC-CґC,CH PIPиP»PөPIP°C,Pө PSP° CґPIPөPrPeC-CґC,CH CґPμP°PeC†C-C—
PiCґPө PePμCґCзPIP°PSPSC- P°PIC,PsC,CґP°PSCґPiPsCґC,PsPj P°P±Ps C-PSCөPөPjPө
PjPμC...P°PSC-P·PjP°PjPө. PґCґPeC-P»CHPePө PиC-Pr C†P°Cґ P»C-PeCґPIP°PSPSCЦ
PиCґPμPиP°CґP°C,PsPj PjPsP¶CґC,CH PIPөPSPөPeP°C,Pө PиPsP±C-C†PSC- CґPμP°PeC†C-C— P·
P±PsPeCґ PиPґPґ (PiPsP»PsPIPSPөPNө P±C-P»CH, P·P°PиP°PjPsCґPsC†PμPSPSCЦ,
C,CґPμPjPsCґ), CґP»C-Pr PrPsC,CґPөPjCґPIP°C,PөCґCЦ PsP±PμCґPμP¶PSPsCґC,C- PиCґPө
PePμCґCґPIP°PSPSC- P°PIC,PsC,CґP°PSCґPiPsCґC,PsPj P°P±Ps C-PSCөPөPjPө
PjPμC...P°PSC-P·PjP°PjPө.**

**PґPиPsCґC-P± P·P°CґC,PsCґCзPIP°PSPSCЦ C,P° PrPsP·Pө. PμCґPμPиP°CґP°C,
PиCґPөP·PSP°C†P°C,Pө PrPsCґPsCґP»PөPj PIPSCґC,CґC-CөPSCґPsPIPμPSPSPs.**

P"PμPиP°C,PөC,Pө, PiC-PиPμCґP°PjPsPSC-C"PjC-CЦ. P'PIPsPrPөC,Pө
PIPSCґC,CґC-CөPSCґPsPIPμPSPSPs PeCґP°PиP»PөPSPSPs 2 CґP°P·Pө PSP° PrPsP±Cґ PиPs 5
PjP» (2 Pi) PSP°B B B B B 150Bґ"250 PjP» 0,9 % CґPsP·C†PөPSCґ PSP°C,CґC-Cґ
C...P»PsCґPөPrCґ P°P±Ps 5 % CґPsP·C†PөPSCґ PiP»CґPePsP·Pө P·C- CґPIPөPrPeC-CґC,Cґ
60Bґ"70 PeCґP°PиPμP»CH P·P° C...PIPөP»PөPSCґ. Pj C,CЦP¶PePөC... PIPөPиP°PrPeP°C...
PrPsP±PsPICґ PrPsP·Cґ PиCґPμPиP°CґP°C,Cґ PиC-PrPIPөC%CґPIP°C,Pө PrPs 15Bґ"20 PjP»
(6Bґ"8 Pi), CґPsP·PиPsPrC-P»PμPSPөC... PSP° 2 PIPиPμPrPμPSPSCЦ.

PґP°PeCґPөPjP°P»CHPSP° PrPsP±PsPIP° PrPsP·P° Bґ" 20 PjP» (8 Pi). PґCґCґCґ
P»C-PeCґPIP°PSPSCЦ Bґ" 5Bґ"10 PrC-P±.

**PґP»PePsPiPsP»CHPSPμ PsC,CґCзC"PSPSCЦ. P'PIPsPrPөC,Pө
PIPSCґC,CґC-CөPSCґPsPIPμPSPSPs PeCґP°PиP»PөPSPSPs 2 CґP°P·Pө PSP° PrPsP±Cґ PиPs 2
PjP» (0,8 Pi) PSP°B B B B B B B B B 150Bґ"250 PjP» 0,9 % CґPsP·C†PөPSCґ PSP°C,CґC-Cґ
C...P»PsCґPөPrCґ P°P±Ps 5 % CґPsP·C†PөPSCґ PiP»CґPePsP·Pө P·C- CґPIPөPrPeC-CґC,Cґ
60Bґ"70 PeCґP°PиPμP»CH P·P° C...PIPөP»PөPSCґ PиCґPsC,CЦPiPsPj 2Bґ"3 PrPSC-PI, PиPsC,C-Pj
PrPsP·Cґ P·PjPμPSCөPөC,Pө PrPs 1 PjP» (0,4 Pi) 2 CґP°P·Pө PSP° PrPsP±Cґ PиCґPsC,CЦPiPsPj 10
PrPSC-PI. Pj C,CЦP¶PePөC... PIPөPиP°PrPeP°C... (P°P»PePsPiPsP»CHPSP° PePsPjP°)
PrPsP±PsPICґ PrPsP·Cґ PиC-PrPIPөC%PөC,Pө PrPs 5 PjP» (2 Pi) 2 CґP°P·Pө PSP° PrPsP±Cґ.**

PμC-CґP»CЦ PeCґCґCґCґ P»C-PeCґPIP°PSPSCЦ 40 % CґPsP·C†PөPSPsPj

$P^{\circ}P \gg C^{\circ}C, P^{\circ}C \text{ } \overline{P}iC - PSC^{\circ}, C^{\circ} C \text{ } \overline{P}P^{\circ}P \cdot C - PSP_{\mu}PsP \pm C \dots C - PrPSPsC^{\circ}C, C-, C^{\circ}P \gg C - Pr$
 $PiP_{\mu}C \overline{P}P_{\mu}PN_{\circ}C, P \ddot{e} PSP^{\circ} PiC \overline{P}P \ddot{e} PN_{\circ}PsP_j C, P^{\circ}P \pm P \gg P_{\mu}C, PsPe P^{\circ}P \gg C^{\circ}C, P^{\circ}C \text{ } \overline{P}iC - PSC^{\circ}.$

$P_{\mu}P^{\circ}C, PsP \gg PsPiC - C - PIP^{\circ}PiC - C, PSPsC^{\circ}C, C-.$ $P^{\circ}PIP_sPrP \ddot{e}C, P \ddot{e} PeC \overline{P}P^{\circ}PiP \gg P \ddot{e}PSPSP_s$ 1 бҗ “2
 $C \overline{P}P^{\circ}P \cdot P \ddot{e} PSP^{\circ} PrPsP \pm C^{\circ} PiPs$ 5 $P_jP \gg$ (2 P_i) PSP° 150 бҗ “250 $P_jP \gg$ 0,9 % $C \overline{P}PsP \cdot C \ddagger P \ddot{e}PSC^{\circ}$
 $PSP^{\circ}C, C \overline{P}C - C \overline{P} C \dots P \gg PsC \overline{P}P \ddot{e}PrC^{\circ} P^{\circ}P \pm Ps$ 5 % $C \overline{P}PsP \cdot C \ddagger P \ddot{e}PSC^{\circ} PiP \gg C \overline{P}PePsP \cdot P \ddot{e} P \cdot C -$
 $C \ddot{e}PIP \ddot{e}PrPeC - C^{\circ}C, C \overline{P}$ 60 бҗ “70 $PeC \overline{P}P^{\circ}PiP_{\mu}P \gg C \overline{P} P \cdot P^{\circ} C \dots PIP \ddot{e}P \gg P \ddot{e}PSC^{\circ}.$

$P^{\circ}P \ddot{e}C \% P^{\circ} PrPsP \pm PsPIP^{\circ} PrPsP \cdot P^{\circ}$ бҗ “ 10 $P_jP \gg$ (4 P_i). $P_{\circ}C^{\circ}C \overline{P}C^{\circ} P \gg C - PeC^{\circ}PIP^{\circ}PSPSC_{\Pi}$ бҗ “
5 бҗ “7 $PrC - P \pm.$

$P^{\circ}C - C, P \ddot{e}.$ $P \cdot C,, P_{\mu}PeC, P \ddot{e}PIPSC - C^{\circ}C, C \overline{P} C - P \pm P_{\mu}P \cdot PiP_{\mu}PeP^{\circ} P \cdot P^{\circ}C^{\circ}C, PsC^{\circ}C^{\circ}PIP^{\circ}PSPSC_{\Pi}$
 $PiC \overline{P}P_{\mu}PiP^{\circ}C \overline{P}P^{\circ}C, C^{\circ} PrC - C, C_{\Pi}P_j PSP_{\mu} PrPsC^{\circ}P \gg C - PrP \P P_{\mu}PSC-.$

$P_{\mu}P_{\mu}C \overline{P}P_{\mu}PrPsP \cdot C \ddagger PIP^{\circ}PSPSC_{\Pi}.$ $P \ddot{Y}P \ddot{e}P_jPiC, PsP_jP \ddot{e}:$ $PiPsC^{\circ}P \ddot{e}P \gg P_{\mu}PSPSC_{\Pi} PiC \overline{P}PsC_{\Pi}PIC - PI$
 $PiPsP \pm C - C \ddagger PSP \ddot{e}C \dots C \overline{P}P_{\mu}P^{\circ}PeC^{\circ}C - PN_{\circ}, P \pm C - P \gg C \overline{P} C^{\circ} PiC \overline{P}C^{\circ}PrPSC - PN_{\circ} PeP \gg C - C, C^{\circ}C -,$
 $P^{\circ}C, C \overline{P}C - PsPIP_{\mu}PSC, C \overline{P}P \ddot{e}PeC^{\circ}P \gg C_{\Pi}C \overline{P}PSP^{\circ} P \pm P \gg PsPeP^{\circ}PrP^{\circ}.$

$P \gg C - PeC \ddagger PIP^{\circ}PSPSC_{\Pi}:$ $PIPSC^{\circ}C, C \overline{P}C - C \ddot{e}PSC \overline{P}PsPIP_{\mu}PSPSP_{\mu} PIPiP_{\mu}PrP_{\mu}PSPSC_{\Pi}$
 $PePsC \overline{P}C, P \ddot{e}PePsC^{\circ}C, P_{\mu}C \overline{P}PsC - PrC - PI.$ $P \ddot{Y}P \ddot{e}P_jPiC, PsP_jP^{\circ}C, P \ddot{e}C \ddagger PSP^{\circ} C, P_{\mu}C \overline{P}P^{\circ}PiC - C_{\Pi}.$

$P_{\mu}PsP \pm C - C \ddagger PSC - C \overline{P}P_{\mu}P^{\circ}PeC^{\circ}C - C-.$ $P C - PrPePs P_jPsP \P P \gg P \ddot{e}PIC-:$

$P \cdot P^{\circ}PiP^{\circ}P \gg C \overline{P}PSC - PiPsC \overline{P}C \ddagger C \ddot{e}P_{\mu}PSPSC_{\Pi}:$ $P \cdot P^{\circ}PrP \ddot{e}C \ddot{e}PeP^{\circ}, P \pm C - P \gg C \overline{P} P \cdot P^{\circ}$
 $PiC \overline{P}C^{\circ}PrPSP \ddot{e}PSP_sC \overline{P}, PiC - PrPIP \ddot{e}C \% P_{\mu}PSPSC_{\Pi} C, P_{\mu}P_jPiP_{\mu}C \overline{P}P^{\circ}C, C^{\circ}C \overline{P}P \ddot{e} C, C - P \gg P^{\circ},$
 $PsP \cdot PSP_sP \pm, P \cdot P_jC - PSP \ddot{e} C^{\circ} P_jC - C^{\circ}C^{\circ}C - PIPiP_{\mu}PrP_{\mu}PSPSC_{\Pi}, C,, P \gg P_{\mu}P \pm C - C,;$

$P \cdot P \pm PsPeC \ddagger C^{\circ}P_{\mu}C \overline{P}C^{\circ}P_{\mu}PIPs - C^{\circ}C \ddagger PrP \ddot{e}PSPSP_sC - C^{\circ}P \ddot{e}C^{\circ}C, P_{\mu}P_jP \ddot{e}:$ $P_jP \ddot{e}PiPsC, P \gg P \ddot{e}PIP^{\circ}$
 $P^{\circ}C \overline{P}P \ddot{e}C, P_jC - C_{\Pi}, P \cdot PSP \ddot{e}P \P P_{\mu}PSPSC_{\Pi} P^{\circ}C \overline{P}C, P_{\mu}C \overline{P}C - P^{\circ}P \gg C \overline{P}PSP_sPiPs C, P \ddot{e}C^{\circ}PeC^{\circ},$
 $C, P^{\circ}C \dots C - PeP^{\circ}C \overline{P}PrC - C_{\Pi};$

$P \cdot P \pm PsPeC \ddagger C, C \overline{P}P^{\circ}PIPSP_sC - C^{\circ}P \ddot{e}C^{\circ}C, P_{\mu}P_jP \ddot{e}:$ $PSC^{\circ}PrPsC, P^{\circ}, P \pm C - P \gg C \overline{P} PI$
 $P_{\mu}PiC - PiP^{\circ}C^{\circ}C, C \overline{P}P^{\circ}P \gg C \overline{P}PSC - PN_{\circ} PrC - P \gg C_{\Pi}PSC^{\circ}C-;$

$P \cdot P \pm PsPeC \ddagger PSP_{\mu}C \overline{P}PIPsPIP_sC - C^{\circ}P \ddot{e}C^{\circ}C, P_{\mu}P_jP \ddot{e}:$ $PiPsP \gg PsPIPSP \ddot{e}PN_{\circ} P \pm C - P \gg C \overline{P},$
 $P \cdot P^{\circ}PiP^{\circ}P_jPsC \overline{P}PsC \ddagger P_{\mu}PSPSC_{\Pi}, C, C \overline{P}P_{\mu}P_jPsC \overline{P}, C^{\circ}P \gg P^{\circ}P \pm PeC - C^{\circ}C, C \overline{P};$

$P \cdot P \pm PsPeC \ddagger C - P_jC \ddagger PSPSP_sC - C^{\circ}P \ddot{e}C^{\circ}C, P_{\mu}P_jP \ddot{e}:$ $C \overline{P}P_{\mu}P^{\circ}PeC^{\circ}C - C -$
 $PiC - PiP_{\mu}C \overline{P}C \ddagger C^{\circ}C, P \gg P \ddot{e}PIPsC^{\circ}C, C-, PIPeP \gg C \overline{P}C \ddagger P^{\circ}C \overline{P}C \ddagger P \ddot{e} C \ddot{e}PeC - C \overline{P}PSC - PIP \ddot{e}C^{\circ}P \ddot{e}PiP^{\circ}PSPSC_{\Pi},$
 $C^{\circ}PIP_{\mu}C \overline{P}P \pm C - P \P, PiC - PiP_{\mu}C \overline{P}P_jC - C \overline{P}, PeC \overline{P}PsPiP \ddot{e}Piбҗ™ C_{\Pi}PSPeC^{\circ}, B$
 $P^{\circ}PSPiC - PsPSP_{\mu}PIC \overline{P}PsC, P \ddot{e}C \ddagger PSP \ddot{e}PN_{\circ} PSP^{\circ}P \pm C \overline{P}C_{\Pi}Pe.$

$P \ddot{Y}P_{\mu}C \overline{P}P_jC - PS PiC \overline{P}P \ddot{e}PrP^{\circ}C, PSPsC^{\circ}C, C-.$ 4 $C \overline{P}PsPeP \ddot{e}.$

PJPjPsPIPë P·P±PμCȚC-PiP°PSPSCȚ. P—P±PμCȚC-PiP°C,Pë PI
PsCȚPëPiC-PSP°P»CHbPSC-PNë CrPïP°PePsPIC†C- PïCȚPë C,PμPjPïPμCȚP°C,CrCȚC- PSPμ
PIPëC‰Pμ 25 B°PŸ.

P—P±PμCȚC-PiP°C,Pë Cr PSPμPrPsCȚC,CrPïPSPsPjCr PrP»CȚ PrC-C,PμPNë PjC-CȚC†C-.

PkPμCȚCȚPjC-CȚPSC-CȚC,CH. PμCȚPμPïP°CȚP°C, PSPμ CȚP»C-Pr P·PjC-C€CrPIP°C,Pë P·
C-PSC€PëPjPë P»C-PeP°CȚCȚCHPePëPjPë P·P°CȚPsP±P°PjPë. P’PëPePsCȚPëCȚC,PsPICrPIP°C,Pë
C,C-P»CHPePë CȚPμPePsPjPμPSPrPsPIP°PSC- CȚPsP·C†PëPSPSPëPePë.

PJPïP°PePsPIPëP°. PμPs 5 PjP» PI P°PjPïCrP»P°C... B,, - 5×2 Cr P±P»C-CȚC,PμCȚP°C... Cr
PePsCȚPsP±C†C-; B,, - 10 Cr PePsCȚPsP±C†C-.

PљP°C,PμPiPsCȚC-CȚ PIC-PrPïCrCȚPeCr. P—P° CȚPμC†PμPïC,PsPj.

P’PëCȚPsP±PSPëPe. PŸPsPIP°CȚPëCȚC,PIPs P· PsP±PjPμP¶PμPSPsCȚ
PIC-PrPïPsPIC-PrP°P»CHbPSC-CȚC,CȚ B«PαP°CȚPjP°C†PμPIC,PëC†PSP° PePsPjPïP°PSC-CȚ
B«P—PrPsCȚPsPIbȚ™CȚB».

**PњC-CȚC†PμP·PSP°C...PsPrP¶PμPSPSCȚ PIPëCȚPsP±PSPëPeP° C,P° PNëPsPiPs
P°PrCȚPμCȚP° PjC-CȚC†CȚ PïCȚPsPIP°PrP¶PμPSPSCȚ PrC-CȚP»CHbPSPsCȚC,C-.**
PjPeCȚP°C—PSP°, 61013, PȚP°CȚPeC-PICȚCHPeP° PsP±P», PjC-CȚC,Ps PȚP°CȚPeC-PI,
PICrP»PëC†CȚ PËPμPIC†PμPSPeP°, P±CrPrPëPSPsPe 22.