



1. ...†‡- ...†! " ...†#Ū\$Ä %& Ì ' ( ) £\* +...†‡, ' - . / ŪÜÝ, f, æÁA  
f, æÁBOñ%ÒÓ& ¥-201C£Æ2...†' 3¥41C& î " Ì  
2. ™" , ì ...†‡- 42...†5ì " 6...†#Ū\$ %ì 78& Ì  
( ) -  
...†‡Í Ū9: ; <£" =>ì ? : â @™" A™" , ì 42...†‡ööBC@=> , 1DEÍ ™" FGÌ H  
ÝÍ @JKO‡ŽÄÏ Ū\$LÜ£& , ®Í ° äMN&OP´ ì Ì

[ Ū° ì QRS& \_ ]

° » ¼¹ - αTUVï ° » Wî ¼¹ ì X' Y αT  
1ØZ' μ° » [ £B- \PBSÔ0.01mol/LE pH=7.0-7.2ØÊ· ê ] ¶Á£¼¹ ø^Ð\_Ì  
2Ø/° » ` a-[ £! ¼ì b 3BcÄï d ef¿ÄäåÁ(ghIS007E⁻ i j kŪI Öi m½¾´ no  
pαTUVï äåÁ)ï qr! , ÷ÊÔŠ—ï ° » stuvøÌ Ö, μÿwx=1:20-1:50£yu- 1mL¿ Ää  
åÁÊz b20-50mg° » ° Ì Ø  
3Ø/{ +ì | } Á~l • €• , f, • Ì  
4Ø/Wî ýì ¼¹ Á10,000àg • 5â...£†‡^ £Ä· %o: " ¥f, Å3¥-201CŠ& Ì  
½¾¿ÄÄ-Bâã...>< ø£½¾ì £" OŠX' • , -  
1Ø• Ž½¾⁻ • " \PBS• • • ê£' , " ' l Ö " " £¥1,000àg • 5â..., \* RÌ Ö | • ½¾: -  
l • -~ \* RØÌ  
2Ø/ \* R+ì ½¾" \PBSè3@A  
3Ø/½¾" ef¿ÄäåÁ\_| f™8L107D½¾/š> £uœè t£½¾: O• ž• €ÿ• , fæÁ, • Ì  
4Ø/Ū° ¥2-81C 1,500àg • 10â...£†‡^ £Ä· %o: " ¥f, Å3¥-201CŠ& Ì  
½¾ÄÄÄ· ÄÆÇ" • Ū° -' 1,000àg • 20â...£ZÄ· %o: f, £Ä/Ä· 3¥-201CÄ-801C& £  
ì ££α¥Ì  
( ) -  
1. OÄŪ° ! ì ™ & £41C& -¥1| £-201Cα• l 1DE£-801Cα• l 2DEÌ  
2. Ū° §" æ¶Y©ª « , f, -œ£• væ¶Ū° α- • žv®f, Ì  
3. Ū° ™" ø⁻ ä⁻ ! ° f±7£α⁻ z ú™< ¥ÄÌ  
4. ² ¥³ μf, Ñj £´ μ¶. ™" ¶. , αO¶¹¹L ° • žf, Ì

[ Luminex200 äãô ]

- 1. äãÿw- 50uLA
- 2. Š< UV- ^ áMagPl ex;
- 3. ° ^ áμ- 50» ¼;
- 4. MFI ½- Medi an.

[ ...† Ūî ]

1. ™" ø/ ì ...†pŪ° ä⁻ ! ° f±7Ô18-251CØ£uœ• ...†‡B«¾JKÍ α¿™" £' • Z§°  
@...> ì ì Ū9p...†£ü/42ì Ū9ñ...†" Ä´9Á& Ì  
2. ŪÜÝ(αÄÝ)- Ä#ŪÜÝz bŪÜÝpBÁ0.5mLEÄý , ±7Á3³Æ10â...£TJ• • ÇÈÖ ì É  
ÊØ£Æé8L10.0ng/mL Ì Ūî 7DpBŪÜÝÏ EP £ÄDEP Êz b300ËLì ŪÜÝpBÁ£uÌ %i  
@Í x pBa 10.0ng/mL, 2.5ng/mL, 0.62ng/mL, 0.16ng/mL, 0.04ng/mL, 0.01ng/mL, 0.0ng/mL£ŪÜÝpB  
Á(0ng/mL)—~¹LÖÖÒÌL&Î => -œ %£Ä@=>' ™" eì ŪÜÝæÄÌ

item	1	2	3	4	5	6	7	Tube
RHO	10.0	2.5	0.62	0.16	0.04	0.01	0	ng/mL

3.  $f_{\text{A}} \approx \text{A} \cdot \text{A} \cdot \text{A} \cdot \text{A} \cdot \text{A}$  - Detection A  $\approx$  Detection B  $\text{B}^{\text{TM}}$   $\varnothing$  "  $\text{I} \text{D} \text{N} \text{S} \text{A} \text{O} \text{O} \bullet \bullet$ ,  $\text{E} \text{O}^{\text{TM}} \text{O} \text{O} \text{B}$   
 $\text{Z} \text{A} \# \text{A} \text{i} \text{A} \text{Y} \dagger \text{w} + \text{O} \text{l} | "$   $\varnothing \hat{\text{a}} \times \text{O} \text{f}$ ,  $\text{P} \text{B} \text{A} \text{A} \text{B} 1:100 \text{P} \text{B} (\text{u} - 10 \text{E} \text{L} \text{f}$ ,  $\text{a} \text{A} / 990 \text{E} \text{L} \text{f}$ ,  $\text{P} \text{B}$   
 $\text{A} \text{A}) \text{E} \varnothing \hat{\text{a}} \text{U} \frac{1}{4} \text{E} \text{P} \text{B} \varnothing \text{U} \text{j} - \wedge \text{U} \text{U} \text{y} \text{i} \text{A} @ = > \text{i} \text{i} \circ \mu \text{Y} \text{W} (100 \text{E} \text{L} / \text{O}) \text{E} = \text{P} \text{Y} \text{W} \text{J} \text{ } \text{Y} \text{W} 0.1 - 0.2 \text{mL}$
4.  $\text{e} \hat{\text{e}} \hat{\text{e}} \text{A} - 580 \text{mL}$   $\text{A}$   $\text{Z}$   $z$   $b$   $20 \text{mL} \hat{\text{e}} \hat{\text{e}} \text{A} \hat{\text{O}} 30 \hat{\text{a}} \varnothing \text{P} \text{B} \text{f} 600 \text{mL} \text{f} \text{B}^1 \text{A} \text{e} \text{S} \text{l}$   
 $( ) -$
1.  $\text{U} \text{U} \text{Y} \text{i} \text{P} \text{B} \alpha \text{z} - \sim \text{B} \text{O} \text{E} \bullet \text{z} \text{l}$
2.  $\text{U} \text{U} \text{Y}' \text{ } \text{ } | " \varnothing 15 \hat{\text{a}} \dots \text{I} \text{Y} \text{W} \text{l} \bullet \text{U} \text{U} \text{Y} \hat{\text{a}} \text{z}^{\text{TM}} \ll @ \text{l}$
3.  $\text{U} \text{U} \text{Y}$ ,  $f_{\text{A}} \approx \text{A} \text{A} \text{B}^1 \text{A}$ ,  $f_{\text{B}} \approx \text{A} \text{B} \text{B}^1 \text{A}'^{\text{TM}}$   $\text{E}^- \text{i} \text{P} \text{B} \text{A} \text{Y} \text{W} \text{E} \text{P} \text{B} \text{A} \alpha \text{z} \text{U} " \text{l} " \text{A} \hat{\text{a}} \bullet \bullet \hat{\text{a}} \hat{\text{a}}$   
 $\varnothing \hat{\text{a}} \text{U} \frac{1}{4} \text{E} | \text{E} \hat{\text{E}} \text{l} \text{L} \& \hat{\text{I}} = > - \text{a} \text{e} \text{i} \text{U} \text{N} \% \text{' }^{\text{TM}} \text{S} \mu \text{ } \text{E} \text{u} \text{y} \text{U} \text{S} \mu \text{ } \text{A} \dagger \text{l}' \text{i} \text{j} \text{i} \text{i} \mu \hat{\text{a}} \text{N} \text{Y}$   
 $\text{W} \text{E} - \mu \alpha \text{t}^{\text{TM}} \text{S} \mu \text{Y} \text{W} \text{i} \text{X}' \text{O} \text{u} \text{Z} \text{f}$ ,  $\text{a} \text{A} \text{J} \text{E} \ll @ \alpha \text{t} - \text{Y} 10 \text{E} \text{L} \varnothing \text{E} \text{O} | \hat{\text{a}} \text{a} \text{e} \text{S} \alpha \text{z} \text{l}$
4.  $' \text{e} \_ \text{E}^{\text{TM}}$   $\text{e} \sim \text{P} \text{B} \text{I} \text{i} \text{U} \text{U} \text{Y}$ ,  $f_{\text{A}} \approx \text{A} \text{A} \text{B}^1 \text{A} \text{p} \text{f}$ ,  $\text{a} \text{A} \text{B} \text{B}^1 \text{A} \text{l}$
5.  $\hat{\text{e}} \hat{\text{e}} \text{A} \hat{\text{O}} 30 \times \varnothing \text{E} \text{u} - \hat{\text{e}} \hat{\text{a}} \text{S} \text{E}' \wedge 7 \hat{\text{e}} \text{f} \pm 7 \text{E} \bullet \bullet \text{U} \frac{1}{4} \text{E} \text{f} + - \hat{\text{e}} \text{F} \text{i} \text{a} \text{A} \text{i} \bullet \text{z} \text{Y} \text{W} \text{l}$
6.  $\dots \dagger \dagger \hat{\text{E}} \hat{\text{i}} \hat{\text{a}} \dots \dagger \text{L}$   $\text{A} \text{E} \text{i} \text{o} \text{i} \text{Y} 3 \text{a} \text{B}^1 \text{A}$ ,  $\text{TM}$   $\text{E} \text{B} \text{Y} 3 \text{I} \hat{\text{n}} \hat{\text{E}}: \text{z} \bullet \text{L} \text{o} \text{o}$ ,  $\mu \text{z} \text{A}$ ,  $\text{o} \text{o} \text{E}$   
 $\text{O} \hat{\text{n}} = > \hat{\text{E}} " \text{o} \dagger \varnothing \text{o} \text{S} \text{z} \text{E} \hat{\text{a}} \text{a} = > - \text{a} \text{e} \alpha \text{U} \text{N} \text{E} \text{u} \text{f} \text{F} \text{i} \text{u} \hat{\text{a}} \text{l}'^{\text{TM}} 2 \text{ } \text{Y} 3 \text{l}$

[ U° . , ]

1.  $\circ \text{u} \text{u} \hat{\text{a}} \text{y} \dots \dagger \dagger \circ \text{p} \text{y} \text{E} \alpha \text{y} \bullet^{\text{TM}}$   $\bullet \dots \dagger \dagger \hat{\text{a}} \text{a} \text{i} \circ " \text{o} \text{y} \text{E}'^{\text{TM}}$   $\text{TM}$   $\varnothing \varnothing \hat{\text{a}}$   $+$   $\circ \text{i}$   
 $: \text{z}^{\text{TM}}$   $\mu \text{E} - \varnothing \text{i} \circ \text{l}$
2.  $= > \varnothing^- \wedge - , \circ \hat{\text{E}} , \bullet \text{e} \text{S} \text{l} \text{e} \text{S} \alpha \text{B} \text{U} \text{U} \text{i} \text{I} \text{J} \text{E} " \text{o} \text{N}' \text{E} \text{' } = > \text{i} \ll \text{Y} \text{P}$   
 $\text{B} \text{l} \text{N} \text{l} \text{u} \alpha \text{E} \text{Y} \hat{\text{E}} , \bullet \text{e} \text{S} \text{l} \text{A} \text{l} \text{E}' \text{y} \circ \text{u}' \text{i} \text{P} \text{B} \text{A} \text{e} \text{l} \circ \text{P} \text{B} \text{i} " \text{P} \text{B} \text{S} \text{l}$
3.  $f \circ \alpha \text{E} \text{B} \text{S} > \alpha \circ < \hat{\text{E}} \text{E} \text{o} \text{o} \bullet \text{z} - = > \hat{\text{I}} \text{E} \% \text{E} \text{u} ( ) \circ \text{l}$
4.  $\text{TM} " \text{z} \hat{\text{A}} \hat{\text{A}} \text{W} \text{i} \text{i} \circ \gg \frac{1}{4} \hat{\text{A}} \frac{1}{2} \frac{3}{4} \text{u} \text{Z} \hat{\text{A}}: \text{z} \text{Y} \text{ } \text{ } \bullet , \text{i} \text{b} = > - \text{a} \text{z} \text{l}$
5.  $\circ \text{L} \frac{1}{2} \frac{3}{4} \hat{\text{A}} \hat{\text{A}} \hat{\text{A}} \cdot \text{E} \cdot \text{L} \cdot \text{U} \circ \hat{\text{A}} \bullet \text{!} \text{E} \text{u} - \frac{1}{2} \frac{3}{4} " \# , \frac{1}{2} \frac{3}{4} \hat{\text{N}} \mu , \text{Q} \text{J} \text{K} \text{S} \text{E} \text{O}: \text{z} \text{B}$   
 $f_{\text{A}} \alpha \text{S} \text{i} \% \& \text{l}$
6.  $' \text{i} \text{I} \hat{\text{O}} \hat{\text{A}} \_ \text{o} \text{I} \hat{\text{O}} \text{E} ( ) * \hat{\text{n}} + * \_ \text{o} \text{I} \hat{\text{O}} \text{E}: \text{z} \bullet \text{L} \text{S} \circ \text{H} \text{Y}^{\text{TM}}$   $\text{i} \text{f}$ ,  $^3 \text{Y} \hat{\text{n}}$ ,  $- ^3 \text{Y} \alpha . \text{Y}$   
 $\text{E} , \alpha \times \text{f} , \text{S} \text{l}$
7.  $\text{o} \text{o}^{\text{TM}}$   $\text{e} \text{f} \circ \text{E} \& \text{J} \text{K} \text{I} / : \text{z} \text{Y} \bullet \text{I} \hat{\text{O}} \hat{\text{O}} \hat{\text{A}} \hat{\text{A}} 1 \% , = > - \text{a} \text{z} \text{l}$

[ 21 34 ]

1.  $/ = > \text{O} \text{i} \hat{\text{A}} \hat{\text{O}} \text{l} z$   $b$   $200 \text{ul} \hat{\text{a}} \hat{\text{a}} \hat{\text{a}} \hat{\text{a}} \hat{\text{A}} " \text{O} - 5 \text{E} 6, \text{B} \text{U} \text{O} \dagger \hat{\text{A}} \pm 77 10 \hat{\text{a}} \dots \text{E} < , \text{D} \hat{\text{A}} \hat{\text{O}} \text{l}$   
 $\text{A} \text{Y} \text{E} \% : " \text{Y} \text{z} 2^1 \text{l}$
2.  $z - \hat{\text{a}} \times \varnothing \text{U} \text{U} \varnothing , , \text{Y} \varnothing , \text{O} \hat{\text{O}} \text{O} \text{l} \varnothing \text{U} \text{U} \varnothing 7 \varnothing \text{E} \text{i} @ z$   $b$   $100 \text{E} \text{L} \alpha \text{T} \text{e} \text{S} \text{i} \text{U} \text{U} \text{Y} \hat{\text{O}} 8 \dots \dagger \text{U} \text{i} 2$   
 $\varnothing \text{l} \hat{\text{O}} \hat{\text{O}} \varnothing z$   $100 \text{E} \text{L} \text{U} \text{U} \text{Y} \text{P} \text{B} \text{A} \hat{\text{O}} 8 \dots \dagger \text{U} \text{i} \text{ } \text{ } 93 \ll , \ll \varnothing \text{E} 2 \varnothing z , \text{Y} \hat{\text{O}} \hat{\text{A}} \text{P} \text{B} , \text{i} \text{Y} \varnothing 100 \text{E}$   
 $\text{L} \text{E} \hat{\text{A}} \varnothing z$   $10 \text{ul} \hat{\text{a}} \text{E} \text{U} \text{O} \text{z} \hat{\text{A}} \text{U} \text{U} \text{E} 371 \text{C} \text{U} \text{O} \dagger 7 \hat{\text{e}} 1 - \text{J} \text{E} \hat{\text{E}}: ; \varnothing 3 \text{L} 800 \text{rpm} \text{E} < 2 - 4 \text{mm} \text{E}$   
 $= > \hat{\text{a}} \dagger \text{O} \text{l}$
3.  $\hat{\text{A}} \wedge \text{E} 2 \hat{\text{a}} \dots , \dagger \text{A} \text{Y} \text{E} \wedge \text{ } \& ? \text{i} " \# \text{S} \text{D} \hat{\text{A}} \text{E} \alpha " \hat{\text{e}} \hat{\text{e}} \text{l}$
4.  $\hat{\text{A}} \hat{\text{O}} z \text{f}$ ,  $\text{a} \text{A} \text{B}^1 \text{A} 100 \text{E} \text{L} \hat{\text{O}} \text{!} " \varnothing \text{Y} \text{W} \varnothing \text{E} \text{U} \text{O} \text{U} \text{U} \text{E} 371 \text{C} \text{U} \text{O} \dagger 7 \hat{\text{e}} 1 - \text{J} \text{E} \hat{\text{E}}: ; \varnothing 3$   
 $\text{L} 800 \text{rpm} \text{E} < 2 - 4 \text{mm} \text{E} = > \hat{\text{a}} \dagger \text{O} \text{l}$

5. Ä^ £2â..., † ÁŸ£ÄÖ" 200ËLi ëëÁëë£@Ê1-2â...£† ÒÍ ÁŸÌ\_£éÓ3@ Ì «, «@ëë, £ ZÅAS42i ëëäâÁ£/ ÛÓABB CÄ£/D BÒÍ Ì ÁŸÌ Ì Á Ì vi ñs: í Ê^ ëÓEFFaÌ
6. ] ^ £ÄÖz f„ æÁBB¹ ÁÔ! " øŸWØ100ËLE ÛÓÛÛ£371C ÛÓ ÷ 730â...£ Ê : ; ð3L800rpm£ <2-4mm£=>^ á † OÌ
7. Ä^ £2â..., † ÁŸ£ÄÖ" 200ËLi ëëÁëë£@Ê1-2â...£† ÒÍ ÁŸÌ éÓ3@EX ' T345Ì
8. ] ^ £ÄÖz èÁ150ËLE 7 2â...£™Š< G| • " #£%: ÄEHÑÌ  
( ) -
1. ...† Üî - Üî «@=> Ì t Ì Û9£ÆÇÌ : I ŠÒÓÄ; Š£™ £" 6š> æt? & £Oí Š@™" ]
2. z - => 2¹ Ê'™" «@%i JK £ j ôõÌ z J() æt LÊH" £/ Ýz¥ ÛÓÖi £- µ æMñÒŽ£••NËÛ¼Ì SÇ⁻ ...† z b« £z I ñÊª «DÒS«, «DÒz JKKO-µ-Ô« PQWB10â...OÍ Ø£uæR³ £/Y æTì S- 7ëTJK£I , > UV@ª + „ µ½i Û N%ñ\_£%Ì LW, ½i ÛN%£¶. ð3£È• ž =>Ì
3. 7ë-L=> Ý X£=>J' /zÄÄÄÛÛi ÛÓ3¥5†Í £O j ÁŸ X£éÓ, - - . • ž Š32¹ £YZJ [ M⁻ j ÛÓ• ¥Ä\" #£TJ⁻ ] ^ \_` a´i 7ëJKp78Ì
4. ëë-Øâëëbc\_t£BÄ@ëëi ñÊ£Mt /ëëÁFì ÐÄÌ uæ™" í ÊéÓ££' Bde™" , í " ¥f g=>I ñÊÌ
5. uæ=>±Í 58 ¥60%£¶.™" z 5÷ù 58 hÌ

[ => ) , \_ ]

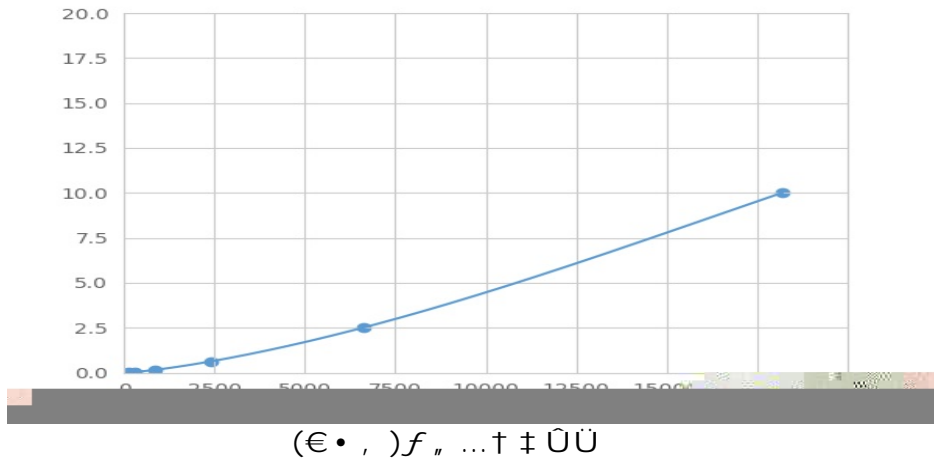
/RH0³ Ÿ x¥^%Š<i j £Wak ÈI Ý£mŠ< Êâxz bÛÛŸÄÛ° £ÆÊRH0Sn~ ¥k ÈI ÝÄ Ì³ Ÿ-ø£' , z b" • " Ì RH0³ Ÿ£B/ -oì " • "³ Ÿéó, £z bPEÛpì qp £PExr X , £Új MFI½ÔMedian Fluorescence IntensityØi³ -p ÝÊi RH0é8Gf ÈÈÌ " Luminexâãô„ ´ £ÛÛ Ýé8Ì

[ ÛÛ ]

sÛÛŸñ ° MFI½B] ÖÖÒMFI½, 1Ì Ôt uÌ Ø£uð3£ÈÈv⁻ ZÆh! ½ÛÛÌ OÛÛŸi é8 Lwx ÛÔÁýÑx ÛØEMFI½Lyx ÛÔÁýÑx ÛØEz §ÛÛ Ô« Xñg⁻ i { | XñÛÛi R2½ F´ £OR2½} ~• ¥1LyØÌ ¶.™" €• W¹ , Á• ž âã £ucurve expert 1.30£Új ÝMFI½£ ÛÛ f§È⁻ Ì é8£„ OPBÍ ÑAÄ" ÛÛ• Ì é8SMFI½ÛÛ§ÛÛ Ì { | Xñg£/ Ýi MFI½...bXñg£ÛÛ§ Ýé8£í „ OPBÍ Ñ£%L Ýi =Pé8Ì

[ †VÑj ]

LW‡¥ÛÛ£- é8Lí 1µ, MFI½L• 1µ£´ µzÌ J5Q" ÛÛŸi MFI½¹ Lyx ÛÔX^ Ø£ÛÛ Ÿi é8Lwx ÛÔŸ^ ØÌ TJLW...>-œi -%££Ì Êùž Ì O) ŠÑj , býÑ½Ì ¶.™" ýÑ½ð < ÛÛ Ì Ì ¥=> 2¹ 9Ái æTÔu2¹ , Á£• , éÓ£• p789Á\$Ø£ÛÛ Ì MFI½Y çŽÌ ùž Ì ÛÛ • ž • £=> Ì t Új í éi =>ð< ÛÛ Ì



[  $f_{\text{ng/mL}}$  ]

0.01-10ng/mL.

[ «  $f_{\text{ng/mL}}$  » ]

v ½L 20DÖÖ ÝÔ%ÛÛÝÞBÁØ, ´ ï h! ½z 9Í ÛÛç ý´ ï é8Ì

[ Ž% ]

° ...t ±" ¥f, RH0E ~f, SÆÇÈ' •, ' > U" " Ç´ Ì

¥• +Æ• ñ ° F-ï • WEæ: ¿Fa ÈÉÅÈ' •, " " Ç´ f, £• v° ...t ± : ¿S ~f  
 „ ï ÆÇ•, " " Ç´ Ì

[ ä™8 ]

ä™8" Ý, ´ ½ï 1 Ž—ÑCVi %Ì CVÖ%Ø = SD/meanà 100

~ Í ç-ZT~ @...t ±ý , Ê, ½´ ½ ° • ž´ µf, £Ã™ ° nš, ´ 20

@£â x ÛÛæTé8 ° ï h! ½ñSD½Ì

~ Kç- oZ3DæT~ @ï ...t ±â xý , Ê, ½´ ½ ° • ž´ µ, ´ £ÃD °™" T« ...t ±\_£,

´ 8@£â x ÛÛæTé8 ° ï h! ½ñSD½Ì

~ Í ç- CV<10%

~ Kç- CV<12%

[ P´% ]

~ „ ´ £...t ±B ®Í > " ¶. 78& £œ%O ; /—¥5Ì

L• — î • ý...t ±žÝØ, f, ½ï ©ª £=>±ï | 9ÁÌ - µ&?« £ÇÆO=>±Í 78, 5

8ñ7ë9ÁÌ Æ@ T«=>£F• ž 2¹ : • æ¥LæçÌ

[ => Ì ñ ]

1, =>øÛÛÝ, ...t ñ ° Ûï A

2, z ÔÛÛÝÁ ° Ø100ÈLEz ^ á £371 Ç ÛÓ ÷§ë1—JA

3, ^ ÐÃ£z f, æÃA100ÈLE371 Ç ÛÓ ÷§ë1—JA



ä™8	^ á ê ë ð ð â	" š > œ t ? Ø â 7 é ë þ @ Ě
	Û¼ ð Ø â þ Z ... t ð	Ø â Û¼ þ Z ... t
	_ £ Ć " , Î ÷ þ Û Û	™ " z ÷ t â ã e i , ™ "
	z ð ä N	f f þ ý f Á ÷
MF I ½	Ã Ò z ï ... t µ ð ä N	ÿ f Á ÷ £ ä N z b ... t
	7 ë J K ð f N	& Î Ø ï 7 ë J K
	7 ë 7 8 ð f N	... t t h ° f ± 7 ù & Î Û N ï 7 ë 7 8
	PE Û þ • Ä	â ã ... t
	PE Û þ • Þ ß Í Ñ ð ý	" 6 š > œ = > 2¹
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° ½	ð f N ï ° X g	f N ° £ ™ " e f ° • ž = >
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