

# \$ÀaŒ+saŒ

NO. 88

Local Service For Global Certification



FDA ] ]3?waÅ\*• | 03



# H`0Ç CONTENTS

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05 8{ @ \$-G 'Ú:" &3 ñFš8'gÂ0 !O]3 &3Gö8{6º ñFš lQ~ •%\7i,û"Ú  
ñFš

06 \$-G 'Ú:"\$Ç r- 9ª7+9º j MDSAP¢[U]m

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07 <™HQ%C/u\*^bZFS@ RøP7">G[6Zó=´

08 Fš=Ò9y#88f7"[U]m

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10 16 <°\$-ŠÝFš] cA'Ú"é#%"×0-#`M ExH`0Ç

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2•[3K± ¢Š

11 Q (o CPSQ` ] /ŕ"±/ü,û"Ú9y#8

11 ièP,P98•Z7hýMí(o-(9y#8%C/u

Y¾ ÆB\_B+

12 kPa| - 7+Zó=´Fš=Ò#`a'&,%pPAfr&,5B! UN38.3 ftFš=Ò]Gkþ:ôZó

13 ] HC+F j%C/u2019 /æLž p3ë0-#`1™ &3] ]3- kp-

13 ?È\$ÉHs/t(-HCHÖM Ex-Ź] 3ë<"jQ&3 •%z9®

14 \*>D•!15-0•Fš,Â &3&3^š4/:2Y¾ -[6Tu%J8f]X[U

14 \*Æ-(Fš&,/å%b }9(Fš,ÂBQ

"P%j7"gm

15 %v(o\$-G 'Ú:" ] ]3It] Æ j\$%o LK ¢(x@SU¯/Ç

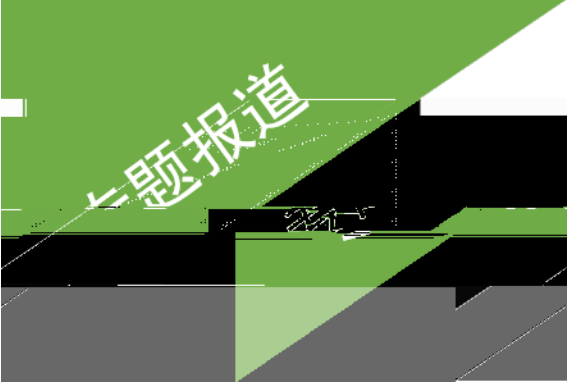
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20Í Ž @`ð•Ě5j EMC /P 78382/4119

%İ QO



FDA ] ]3?waÅ\*• ———

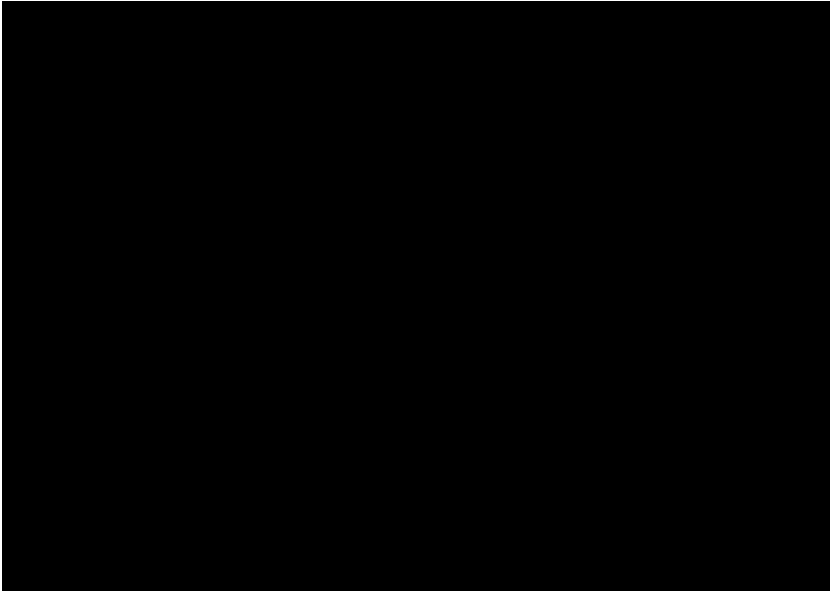
]0\*y)l8ž1™Rohr#%?w l\$-G 'Ú:" FDA - 9a"¿%lg-

可以了解型，其关注的体式导报体中虽不完整的描述了医疗设备的基本性能，如包... 从以下FDA的5

在测试过程阶段验证基本性能和性能是否缺失或者退化的判断准则。

中检华通威 技术牛人

From





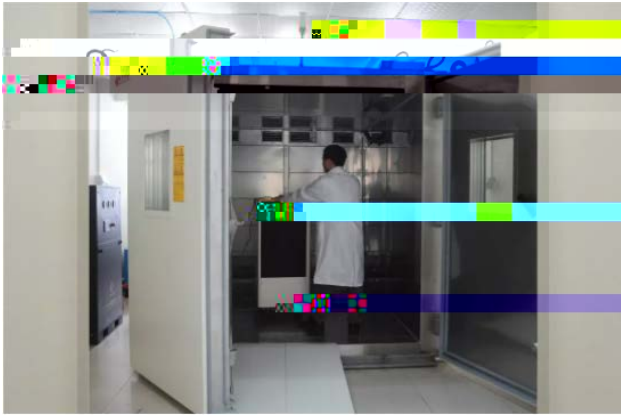
are also unclear... see the above deficiency regarding the essential performance). We

analysis is maintained. A full test from a field-of-view perspective, the device's essential perform

[illegible][illegible]

### 2.3. Short description of the Equipment under Test (EUT) and 2.6 IMMUNITY pass/fail criteria.

5 8z 14 7W l(o-(Tá&3HCHÖM Ex-2%C/u %8{@ \$-G 'Ú:" ñFš8'gÂ>Z"p3ð8j- 9W4y-n% #< Š4y-n% #<7Z(š4y-nl†Kè ,%Ê#x9 &3 ñFš8' gÂ l4y-n\$-G 'Ú:">Z"pF¥ji ,/ >Z"p ,5B 8{@ \$-G 'Ú:" ñFš8'gÂGö>Z"pF¥4 ^¶7 l%-7h4y-n- J6 ,%Ê-kHj"â6ù haMY¾- 9W ¾ \$-G 'Ú:">Z"pF¥ji ,/ >Z"p ,hrlà- &3Gö ñFš8'gÂ ¾(šJW8'gÂ"÷ lgÖ ø0 !OJ3 &3,û"Ú ñFš l Ñ0 !OJ3 &38{6° ñFš ¾



&3 ñFš8'gÂGö"é ÅJ6 ¢#x9 7+>G j  
 1 »-k &3/ "åf bZ h ñFš\$ a'Qs\$`JGkpaMY¾#¿l-1™l†Kè l%ß/Fš- 7hQs\$`Hj"â1™aMY¾kpbJ3 x  
 2



## \$-G 'Ú:"\$Ç r- 9ª7+9º j MDSAP¢[U]m

### Ç → MDSAP?

\$-G 'Ú:"\$Ç r- 9ª7+9º jMDSAP ¢7;F£(og·\$-G 'Ú:"HCM 8-8ö),(Í(IMDRF) %C^é I7Z(ŠF£] %aGö- 9ª8-8öaMY¾ r<"- 9ª@S\_% (o>G[6Zó =´Gö7+9º ¾aK æ(o-(\$w4^A%\*™#> »/fZñ »\$ 4q\*™ »7W8ž%bQ (o ¾- 9ªFE"é\*y (oHCM 8-8ö jRAÚ8µGö- 9ª8-8ö jAO ¢aMY¾ ¾

### (oHCM 8-8ö3ÜY™MDSAP\*b7€

†A%\*™#> jA%\*™#> Tá&3M Ex-²jTG¢ñFš MDSAPGö- 9ª4 %¼ Î ¬]6 ¢/t(¬#8"xZó=´Gö rbZ#x ¾a]³"¿ /t3ë#8Zó=´Gö\$-G 'Ú:" I 3`8{Cë<ü6±LÈZó=´Gö27#'gÖ\*^ ¾

†/fZñ j/fZñ(o-(\$ÝF'HCHÖ-² j ANVISA¢9Fš MDSAP

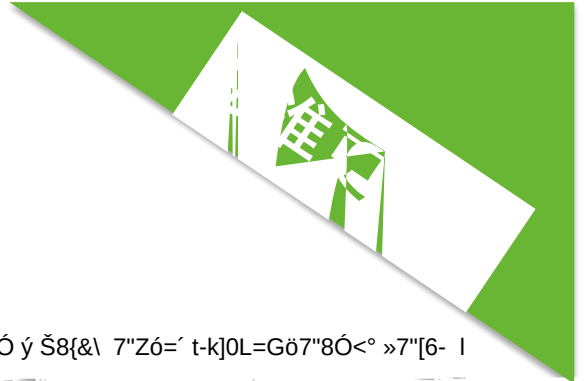


2019 /æ10 8z 25 7W I<™>¤+F%Ê Æ<Õ0•%C/u ø\*^bZF§@ Rø6°

GB 21241-2014 柱式排油阀

[illegible]





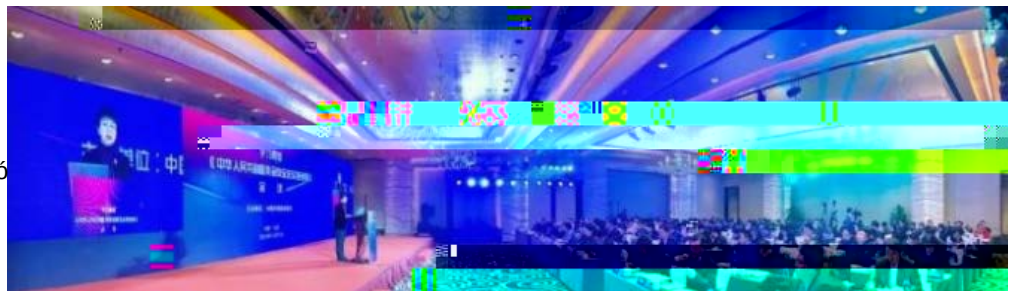
12 8z 1 7W l7"! ] Gö %jQ&3,û"Ú>G- 7/8Ó ý Š W }LòKb %o8Ó ý Š<Ö0•7/Y¾ ¾%o8Ó ý Š8{&\ 7"Zó=´ t-kj0L=Gö7"8Ó<° »7"[6- l  
jW\*ô ÇEx[U%b3ÙY¾ tJ° Æ%vF¾47àa¿"å>Z ¾%o8Ó ý Š7/Y¾k 7W lÝ(o/t(–HCM 4 J°(Š\$% °\$ Æ] lØ Ò^i0í%o8Ó ý Š/8×SVt(–HCM 1--² »  
(Ç7+6±0 %bHCM bZgZ »>G0ýF¾ »jQ&3 ÆF¾650UËÚ%4\$ ø Æ] ¾

%o8Ó ý Š7i3f(ojQ&3,û"Úiø)Q%: riēc?\*TM>G#ˆ0lJ03,9 l7i,p&ö Ý(oCëSäJ° Æ - »>G>- ÅNmGöc?Zó"÷-+ ¾ Æ | l/t(–HCM 1--²jQ&3\$Á]u  
%j »jQ&3Fˆ %j »jQ&3PAU—%j »Cë<üjQ&3%j »jQ&34/:2%j »3Û>GKˆ9W-² »iHCLP û-² »PÄHC%j »^šcAHCHÖ%j »] j3HCM %j »] %a:2>½²  
W%< Ý(o>ú«Qw\$Á Æ » Ý(o:2KCgÔ »jQ&3- j6 Ý15 »/t(–HCM ,Ø ÆL»\$³Æ æ%j-²\$Ç ¿%4 Æ >³ l-£ %o8Ó ý ŠGö!) 27#ˆ »HCM Zó=´L»aM  
Y¾ ø[U]m#x9 l-k7"7h8"\$ 0-/t(–HCM Æ\$ Xý%z »=¹QÌHCM %z\$ !5aMjQ&3,û"Ú"ã>-aMY¾ ø/W Î5 j] ¾

8×Sl Ý(o ,=f\*TM,Ø » Ý(o6±>G\*TM,Ø » Ý(oJ°KCgÔ\*TM,ØGö ...-(,ØQw?c"x]j\$[U ø %o8Ó ý ŠGöL=>GR>7á%b>G>-"÷?ˆ ¾>Ë=ÑHs » ¾/t6±0 ^ˆˆˆ  
%4 Æ >³ ¾\$% »=ÑTA »>Ë=ÑL»(Ç7+/t(–HCM bZgZ%4 Æ UYÚPE%z3Û>G- \_g >³ ø,Ø Ò^i0í%o8Ó ý ŠGö) j8%p ÅÆ(84100Ú(o%v  
(ÇGöjQ&3Fˆ PAU— s Æ#Ç Æ%4 €- j\$ >³%p,Ø>G,ú>GFš>GQÆ%z!"] >-\$ ¾

jQ&3,û"ÚHCM Hj"å%j-2ˆˆˆˆ , (š Æ j4y#l %o8Ó ý Š(ì4s W ,=f – Ý15 l(ì4s ±(M æ8r — ²Zó=´ l(š %jQ&3,û"Ú>G ŠGö)lI² | lY×l\_8ñ »  
0–0Eië l WSá>G&ö>- l – ,=f Q %o ±S~ˆ jGö,û"Ú ²!Okð4 Sæ ¾%o8Ó ý Š"äl0 LR86 8Ó l-kj,jà8•\$ 5B! Qw »\$Ç ¿jQ)t »PÄPNjQ&3 7...  
Lž {7+/å%b5B! QwL» - Åbo5B#l ø"é ÅZó=´ ¾ @ ý"åNmQ %o#>H<Göc?B+iø)QHCM /W Î l17íi/ˆ\*.y>G->G,Ø>G,ú>GFš>G l •7 5B!JaBFš  
>G>-1•Pf%b>G>-7+0•c\$ˆ6«hÛ »5 \$ %C-Ç »\$[UIMHp »Pf4 K¥- »0 -kj@gÛGöRo\$ ¾Zó#y- 4 \*iUˆ- jQ&3 s Æ - Åˆ m l\$ 0–! ^TMQwM  
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j u^šcA] j37i5B\$!jQ&3,û"ÚM Ex=|/å  
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5B\$!^šcA] j3Gö! PK=|/å »8{6°1™%bJ°  
Æ0ã&?\$ l8f\*í(Ç8•\$ jQ&3,û"Ú/W Î ¾



PÄHC%j8{ˆˆˆˆˆ ,4y#l ljQ&3Fˆ PAU—(š QÆPÄ7h U%CF'0ú\*TMGö%J\$ˆ lUˆ- %o8Ó ý Š8fhrZó,p&ö"ã>-8–#ˆ ¾4±0 bZgZ »HCM 8–8ö »/å%b  
s ÆZó3ñ47 •%~Göˆˆ m l ,P1 |P1 jUˆ- >G0ýZó=´7i rSfGö lZó"ã%~aç,ú r æ% #ˆ ¾

] %a:2>½²%j8{ˆˆˆˆˆ ,4y#l %o8Ó ý Š-kjQ&3:2kp Î#l ø7€là[6- lHCM bZgZZó0†-njQ&3:2kp8–8öSá1™%C-Ç l-k:2kp6â4àGö"p<Ö1™ »- [4  
1™ »8{6°1™%b7h6°1™0–\$M Ex l%~7hZó5 aM,p&öjQ&3Y¾ ÆGö:2kp:2>½² ÅNm ¾

-?c\$“ 6°M 8•” 6«hŪ laM r<x Š\$~U—&,E!)đ l/t(¬HCM 1--²P6P9-k! >GM ExGö] cA'Ū"éH`0Ç i(Ÿ0•3ë#8bZ#x ¢ »  
 aM%U] cA'Ū"é(Ÿ0•- 9WH`0Ç »0~#`2- Gö/W ſ] cA'Ū"éH`0ÇaMY¼ ø]u6æ l#'- ø‰- 7/0~#`M ExGö] cA'Ū"éH`0Ç Š l  
 #‰ ° ø"ã63 œ0~#`- 7/M ExGö] cA'Ū"é l"è ŸFš \$-G \$ŸF'Gö"ã] 16 K? ¾

| rP 0<br>%i | pP 0<br>%i | rP H`0Ç                  | pP H`0Ç                       | HCM 7+0•                                           | Tu(f%<<br>]f7€ |
|------------|------------|--------------------------|-------------------------------|----------------------------------------------------|----------------|
| 1          | 1          | Å?>]                     | Å?>]                          | P+V(èŸE-Eö Å?)%Ÿ(Ÿ0•3ë#8bZ#x ¢<br>k<0~#`2- P#840 ¢ | Fš \$-G \$ŸF'  |
| 14         | 18         | Y²\$Ÿ] iYÚ ¢             | 7R#•S\ \$ >½cA<br>Y²\$Ÿ]      | P+V                                                | Fš \$-G \$ŸF'  |
|            | 19         |                          | 7R#•hĐS\ \$ >½cA<br>Y²\$Ÿ]    | P+V                                                | Fš \$-G \$ŸF'  |
| 15         | 20         | H@ \$Ÿ]                  | H@ \$Ÿ]                       | P+V                                                | Fš \$-G \$ŸF'  |
| 21         | 27         | %ž\$ ]                   | P!ie%ž\$ ]                    | P+V                                                | Fš \$-G \$ŸF'  |
|            | 28         |                          | g-4 %ž\$ ]                    | P+V                                                | Fš \$-G \$ŸF'  |
| 22         | 29         | B~0 ]                    | B~0 ]                         | P+V                                                | Fš \$-G \$ŸF'  |
| 23         | 30         | kp"» \ 'Ū                | kp"» \ »Pn%z kp"» \           | P+V                                                | Fš \$-G \$ŸF'  |
|            | 31         |                          | kp"»fĈ¹M#                     | P+V                                                | Fš \$-G \$ŸF'  |
|            | 32         |                          | [DS 8dDù]                     | P+V                                                | Fš \$-G \$ŸF'  |
| 34         | 47         | 6°-v>-G FšFšK--<br>#´cA] | 6°-v>-G FšFšK-- #´cA]         | V                                                  | Fš \$-G \$ŸF'  |
| 35         | 48         | \$-Fš]<7 X -vP1]0<br>*y  | hĐ6â,É\$^\$-Fš]<7X -vP1<br>\\ | V                                                  | Fš \$-G \$ŸF'  |
| 36         | 49         | \$-Fš<br>>-0 ]           | \$-Fš>-0 ]                    | V                                                  | Fš \$-G \$ŸF'  |
| 37         | 50         | 15RfFš<br>>½cA \ 'Ū      | 15Fš(p \                      | V                                                  | Fš \$-G \$ŸF'  |
|            | 51         |                          | RfFš(p \                      | V                                                  | Fš \$-G \$ŸF'  |
|            | 52         |                          | *Ĉ%46âHC4 \                   | V                                                  | Fš \$-G \$ŸF'  |





–[6Tu-(Fš\$-G 'Ú:"f7€ ØGö>Z"pF¥4 %p3ð8;- j6 l5BlJ3ð8;- j6 Q (o>ú^«&3,û"Ú+F%Ê Ą(CPŠQ)QÆb "p4 Š|%C/u ø rië"å 0–  
/W Î6°Dù lPQ r- j6–0 l9«4à(o-(Tá&3HCHÖM Ex-²\$-G 'Ú:"3ð8; #`1™9y#8 %16 CFR Part 1217±/ü,û"Ú9y#8 ŠGöHf5 8rP:[6#< l  
- j6 Ÿ15 2019 /æ0 \$-G 'Ú:">Z"p3ð8;4y-n% #<#`!` ] ] #„Gö8{`å aEa90±Fš8r7"C°8žGöatFš9y#8 ASTM F1821-19e1 W!` ] jW0–#`1™  
Zó=´ l'ëT» ø %- (Fš\$-G 'Ú:"f7€ Ø>Z"p3ð8;- 9W4y-n% #< Š¼/è 9y#8 ¾\*ð9 (š 2019 /æ11 8z 25 7W#¿> 8{6`#¢c?\*™^'hÔ]6], l#<  
PA6ùD =¹h8 »]ul† ] ], l0Ô3,0ó=´2•[3K± ¾ jW[6#<-x 2020 /æ1 8z 27 F'6° ¾  
– ñjW4y-n% #<8f"é8{KC,Ø%zEx1™0%<- g·%a6? Î1™ l-x(šPĀ |"pOr"o#¿C°8žGđ16 CFR 1217%4Qu0±Fš ASTM F1821-16 l> 8{ m Ç!`  
0ó=´2•[3 l/~8•Hj"åið)QGö ...-( »„ØQw »M ExQw%< @ Ą ,%Ê5B#l2« Hj=F 2016 C° l2019 C°8ž\$w4^ r\*v-k/ŕ"±/ü! 9•Gö>½]G!`]  
[33°0l] l5 \$ 4y-n% #<Gö ¢->%p,p&ö ¾%?jú2•[3ji WFS,Āb hGö %p#R\*vP^a !` ] ¾jW[6#< • Ą-kLž {7+8–8ö"å jW9y#8GöL`%z1™>½  
0Ô0• 2019 /æ12 8z 6 7W#¿%?júSe Ÿ15 ¾ jG F'c?\*™6«%J±F%Ê Ą ] –E"8{G6PSC] %aGöASTM F1821-16  
>½]G- kp- ŃRo4{ ASTM F1821-19e1 aMY¾>½]G ¾



(o-/t(–HCHÖM Ex1--² j(o-(9y#8\$^M Ex+F%Ê Ą ¢%C/u %o@L\$`æ3fl5`æ3ñ<Ô\$ ;o%p<Ô\$-E!j » &3#R Ç3ð8;[6Tu j GPS¢%p"p/`  
!@ ŠL» 343 ië(o-(9y#8%p 2 ië(o-(9y#8!`6«\$ÇGö"P%¼¼ ¾

W }P,P98•Z7hýMíHj"å(o-(9y#8Gö- 7/7W8' –2020 /æ5 8z 1 7W ¾

|      |          |          |           |          |
|------|----------|----------|-----------|----------|
| 0 %i | 9y#8P^%i | 9y#8%•Kb | U8q9y#8%i | - 7/7W8' |
|------|----------|----------|-----------|----------|

## New lithium battery requirement for FBA sellers

■ US Announcements



Amazon News

Effective January 1, 2020, battery manufacturers and distributors must provide a lithium battery test summary, per a United Nations standard known as UN 38.3. This new global requirement applies to lithium batteries and products containing lithium batteries

When selling on FBA, you are responsible for obtaining this test summary for any ASIN that you sell. Failure to provide this summary may prevent you from selling the product on Amazon. In addition, any units of this ASIN in our fulfillment centers may be disposed of at your expense.

Upload the test summary at [Upload required lithium battery test summary](#), which also provides further information.

aC7W l] HC+F- PÃ%C/u"Þ%¼ l \$ÉHs &3^šcAHCHÕ:2kpl†KègÔ »?È\$ÉHs & &3^šcAHCHÕ:2kpl†KègÔ »  
\*™aP &3^šcA:2kp:2>½l†KègÔ8{gÂ"Þ%j » ÿ-(gÔ ¡\$% ¢:2>½] ]38{gÂ"Þ%j » ÿ8-KC ¡\$% ¢`Ø`ø:2>½/WK}l†KègÔ8{gÂ"Þ%j »  
>%\$%Hs &3^šcAHCHÕ:2kpl†KègÔ » ŽU 9y:2 &3:2>½8{gÂ"Þ%jL»- kp- 3, æ &3iø)QGö0-#`1™] ]34y- - kp- ¾

aC8' IHs/t(¬HCHÕM Ex-²P6P90r-ÇHCHÕ4/:2N jQ\$ /W&3 »jQFš>+ »>+Rt%<"è#`&3 »Ju%å&3 »Qû#`&3 » å#`&3 »jà7 »7+!1jQ&3 »a'#-jQ  
&3 »W!Mí%þS \$`jQ&3 »NH9 #`&3 »T`%h%<Hj"å#`&3 »bÄMí »VžUN#`&3 »=¡9 #`&3 »B ^™jQ&3%<(İ9 #`&3 »X=#`&3 »=¡ #`&3 »?2Mû%<?2  
Mû#`&3 »NGB+ »],#`&3 »Xt &3 »j,jàjQ&3 »jQFš# &3 »jQ&3?m\$ #` »jQHBL»25 \*™MíjQ&322 3ë<"9©&3 l9«4àjQ&3Hj"å9y#8:2kp%p  
#— l"è Ÿ

4à1û%\*D•!15-0•F\$Ŧ &3&3^\$4/:2Y¾ -[6Tu ŠatF\$ (š tmall.com( \*D•)()Q%• -www.tmall.com) %C/uGö!15-0•F\$Ŧ &3 \$w4^Km  
\$ F\$@ »Km\$ F\$JOF\$ftK-,ÂF\$=Ô%<F\$=ÔP6 »6âlsHj8-L»!15-0•F\$Ŧ &3F\$F\$=Ô%<F\$S\$B\$P6 ÂF\$Ŧ\$ya "xMí(y jbz3^ •bz^\*PàF\$@ at  
bz'Ú ¢%<Hf5 aP5 F\$PÂF\$@ Mí(y ¾

4à"p%¼7°J- l\* D•-k F\$Ŧ &3Gö4/9©7+0• l\$w4^(šP1 j0 flHf5 ^ÿ â&, &3 »4/:2 E0 Ÿ&, &3 l †4/%H9©&3Gö6âcA •1 ^÷a9:2kp »\*•:2  
Gö%zExZó=´ ¾%-7h ITW4/9©7R>G@S\_ %:2kpZó=´ l/â%b-x%l:2kp"è Ÿ rbZ#xiëH` xTW(RP-^™3^QwgÂ^Ÿ l%lRo^Ÿ â rbZ#x9©&3 l#<,-(7F  
\*y9© ¾

"è Ÿ l:2kpZó=´\*ô } j

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Tu Ÿ:2kpiëH`! 4àGö(o-(3^Y¾ Ą0-#`1™9y#8Zó=´7h l0 4{(o-(3^Y¾ Ą0-#`1™9y#8Zó=´#— xTWZ :2 &37€J-Gö^šcAZó=´P-÷f8ž[6Tu ŸGö  
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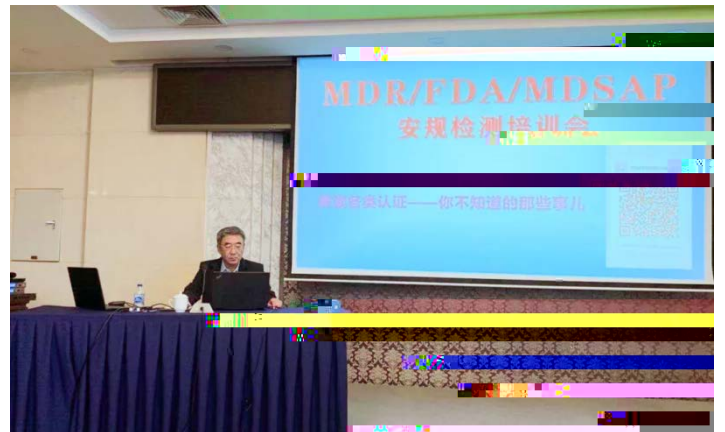
<Ö\* ITWZ :2kp7+-k:2kpPE9 8{0tj l0 S\6`#¢PE9 ½7W^é 7W"÷ l%f\* D•5B^éF¥; ¾Z :2kp7+-k:2kpPE9 8{0tj †hr-k •%z9@iëH`aM  
Y¾\*•kpGö l%aF¥7€7j%~hrZó\*•kp ¾

"è Ÿ (š-k •%z9@iëH`aMY¾\*•:27h l%a W(š% 9© |:2kpGö(š% 9© |\*•:2 l%a W(š% 9© |:2kpGöc9F\$ŸyF\$9©\*•:2 ¾\*•kpPE9 ? •%z9@Gö l  
Pf4s% :2kpPE9 •%J x\*•kpPE9 %CF`%J8fGö l W\*•kpPE9 -#8 ¾\*•kp7h ?F£#•kp7h4y- GöLž {7+^š:28-8öaMY¾\*•kp ¾

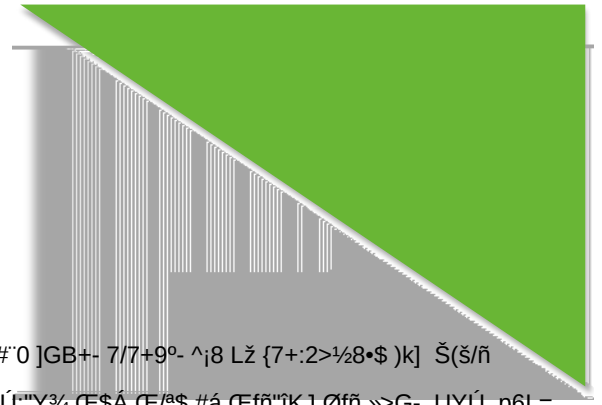
4à ø[U &,-(TWf¥j-i-k •%z9@iëH`aMY¾\*•kp7h 0tj F¥ji ,0 (š6`#¢\*•kp%lExaEIW Ø ½7W^é æ/W Î7W"÷-x\*•kp^«F\$Ÿj%•9©&3aBa ^«F\$ ¢  
iö"öj JPK\*•kp8-8ö ¾TWf¥ji ,8œ(š[6- 8'gÂ"÷%f\*•:28-8ö6j J\*•:2^«F\$Gö †x ™\*£\*•:2F¥j;Gö8µ#> ¾\*•kpPE], €% :2kpPE], • rSfGö l  
\*•kp:2kp^«F\$F£% :2kp8-8öaraJ0tj F¥ji , ¾

4à1û l/â%b • ú\*•kpGö27# l\$w4^&, &3^÷a98'gÂ%€5B^éF¥j; x7R\*y9©3^Qw\*y9© €% 9©,Ê(š7€7°Gö/0t l\*ô<°0• •%~ lQ~7R>G(š% 9© |aM  
Y¾\*•kpGö27# xZ :2kp7+5B#\*•kp7h l &3(š\*•kp8{6°8"÷ <Ö^/a^ ,Ê8Ó h }/d\*£6° x>G0ý »>G[6[6- •1 \*•kpGö"è H27# ¾

11 8z 1 7W l-bZ+F }%CGöPÂ& F\$,ÂBQJóM 8z 7 7W lg±c>  
/f/f%C/u"p%¼Kb l/â%b @\$â7W^é-x }9(F\$,ÂBQHj"â &3 Uó<Ô  
F\$,ÂBQHj"â &3Göfr& %</ñ%¼4 6° ¾J- j\* D• ¢ Ñ0r%j ø6æ  
>-Y¾\$ lH`#¿/d-ÁV` F\$,ÂBQ""âf }?5ŽN` lè3ëcA }9(Hj"â  
&, &3 ¾\* D• »?J- » Ž »4n\*£\*£ »TA,ó7...^Ÿ »&i &3 ĄEL»(l"Ú  
hÔ }9(F\$,ÂBQ ¾







11 8z 15 7W IF£/ñZñ\$-G 'Ú:."\$Á Ć -\$ I Ÿ:2\$ÀaĆ+s\$Á\$ Gö %/ñZñ\$-G 'Ú:">Z"p ,# '0 JGB+- 7/7+9º- ^i8 Lž {7+:2>½8•\$ )k] Š(š/ñ  
Zñ\$É,óHM\*™ °\$ ¾8×SVñZñ00 Ė-(\$-G 'Ú:"F' s ĆGö UYÚ%4\$ ,Ø Ò ¾/ñZñ\$-G 'Ú:"Y¾ Ć\$Á Ć/°\$ #á Ćffñ"ñKJ Øffñ »>G- UYÚ ,p6L=  
J) -4s0rE\_ \0• ¾

-?c"x^i0íU- Ÿ"ă Ÿ\* \$ "p\$÷ »(o\$ gÔ\$ "p\$÷\$â%ĆGö%"ă ?c\$- J6- 3ë# '0 6«hŮp...\$#Tá&3\$-G 'Ú:"#•7"Gö2•[3 ŠW%<(o-(Tá&3HCHÖ



M Ex-2‰"ă 3Ů\*™\$-G 'Ú:">Z"p ,# '0 JGB+/W ÎGöaĆIW ŠGöN0JĐ IñZñTáHC-2#'- ø\$-G 'Ú:">Z"p ,# '0 JGB+- 7/7+9º E"/d"p/u- Y¾ ¾  
%-7h I -?c"x5 aM/ñZñLž pMí\$-G 'Ú:"k <">Z"p- 3ë# '0 6«hŮ I5BIJ- 3ë6°Dù I5B\$18•\$ 6°Ro ¾/ñZñTá&3HCHÖM Ex-2#%- -kLž pMí\$-G  
'Ú:" i\$w%• Ā\*~<7 JG#' Ćk <">Z"p7/Y¾%¼IW3ñJ]- 3ë ¾

01 ± &33ò8jZó=´iö]6 i2•[3 2‰p ± &3:2>½4 %¼ ²(\$\$-G 'Ú:">Z"p7h •"yhrZó5B IQ~7i3ñJ](šF¥j\$-G 'Ú:"F' ]\*%a7h I r/è5B

aM r<×5Ba\$ 1]>Z"p:2kp- J6- 3ë I-k\$-G 'Ú:"k <">Z"p\$ Ex7hgÂ I- 3ë\$ Ex7hgÂ\$ýP>Se 9 œ/W Î7W »3ò8j- J67hgÂ\$ýP>Sø4 œ/W Î  
7W I W8r1JGöa'0 »8r ŠGö^šcA I[U#%\*iF¥4 s ĆGö>Z"p:2>½‰p3ò8j- J67hgÂg'j ¾

02 %ĖP\_ - 9W\*vPà I>Z"p^šcAM Ex ĀNm W%<F' ^šcAM Ex[6TuGö%z/èE"(-:29W

(š s ĆF¥j\$-G 'Ú:"F' ]\*%a ½7h IY¾6±- 3ë8-"ă4{BŮ>G- 8Ó h%p9y#8Zó=´ IP6P9-k"èaMY¾%z9®>Z"p:2kp4 %¼%<:2kp8-8ö#"I"éGö &33ò  
8iZó=´iö]6 i2•[3L»8Â7 aMY¾43ò8j- J6 ¾



Î - ... ĆGöLž {7+\$-G 'Ú:":2>½8•\$ 8-8ö IŸ:2\$ÄaĈE+s @3ò8;8•\$ Gö[D0 I-8{@ /7R@ \$-G 'Ú:"F' &\_f8×8r âGö:2>½[U#%7+9° \$ \$ Y¾ Ć!×0)1]a'‰C-Ç ¾

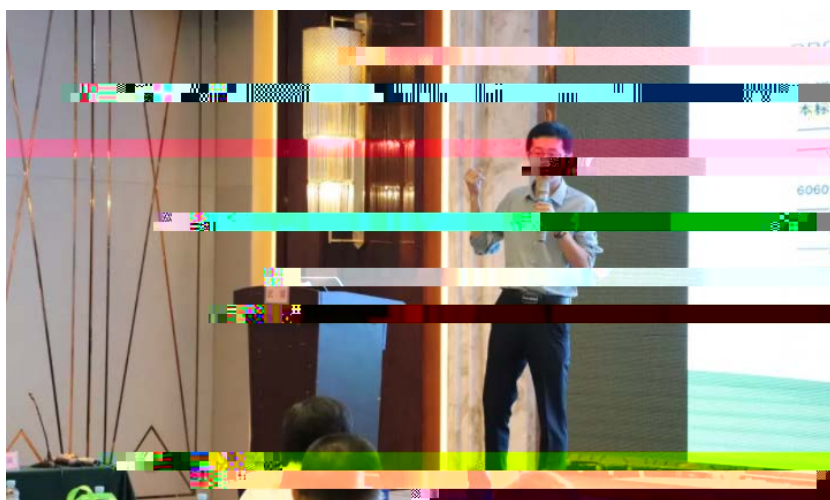
Ÿ:2\$ÄaĈE+s ;TA/P ĆF'ĈÜ- kp- PAEx8Ä7"-7 -8×-0)\$[U ø s Ć9«4àhr=´\*ô Çlà] - kp- ^ŋ^š%pa{4[- kp- I Wa0#Ĉ4 %½aĈFš1™8flJ x s Ć(š#8\*y>½)G9Ĉ&37h0 >Z2•& P8Sô8×0 -kF'ĈÜ,ø- kp-k>½)G9Ĉ&3GöZó=´ x[U9 /ª[6F'ĈÜHj-+1™iëH` Ÿ>½)G •%z9@Gö27#' I5B#I0 -kLĚ F× ¾

Ÿ:2\$ÄaĈE+s\$-G &3P1PAEx<ø!× -8×-0)U9B9706.1 0ó=´2•[3K± ĆE"Y¾C°8žGö -Zó/`0t ¾ -Zó]\$ab9y#8÷-+9(8öGö)u6æ%< æ#•9y#8"÷ -+Gö%z/è IH²c?)\$ab ø9y#8 Ÿ0±"×Göj@gÛM Ex W\$-#• E"Y¾C°8žGög=4M700P•Gö/`0t I%-7h Ń[Uc< ø9y#8 Ÿ`ð -c?ZóGög=AY~\*eGö 7"Zó=´ ¾



\$Á Ć/ª\$ #á Ćfñ"ŋKJ Øfñ »>G- UYÚ , p6L=J/

Ÿ:2\$ÄaĈE+s ;TA/P ĆF'ĈÜ- kp- PAEx8Ä7"-7



Ÿ:2\$ÄaĈE+s\$-G &3P1PAEx<ø!×

aC7W I Ÿ:2h8(T?c(¥"p%j °\$ ø W^šcA/W"é ±QC u\*™3½>G ² - j Gö)k] Œ I  
<Ö<"k] aòj\*~bZ^šcA/W"é ...-(aMY¾4ú]p l?c(¥"p%j%< }-Đ#x,Â"p%j^šcA. ǀ ,%Ê"ă40 Ě ,%4\$ ø)k] ¾

)k] 8'gf l]\$/zk "° @ QC u\*™3½>GGö)l8ž:ô1g0r+=NmPQ]l[U lF£:ô1g0†"×"é ÅGö6? Î7+>G l]XP8]\$4ú:29WYÚ »Hf7+(p »9A4;(p%pmîl  
(pL» uK?/°Fš^šcA/W"éGö ñFš7+>G%p#` Î>³K} l%-7hPE%- g·9° ýF'\$ [U]m l WB+%<hÔ ¾48r%€ l]\$/ZQ u\*™3½>GGö6æ Å1-PE Î -PE  
-° l/[(l<Ö<"k] ŒGö -j ¾4)k] E"(-=†=•B\_B: l]\$/z4ú]p1•\_a?w7â lc?h0B+7€lâ l]p h"÷--+ ¢-> »(p6ù/èTt ¾4%4] ,%Ê ...15Sf1l »Ka  
86 \$ IP)P)YÚJ- l^šcA/W"é7;8f1] »8f\*î,p3,^šcA/W ÎGö17ZóIW]8 IC P5aBFš%vK?^šcA/W"é7;^šcA. ǀ ,%ÊGö17\*y3òRo laŒEa9)k] -k

QC u\*™3½>G8{ ø8f\$ ?w7âGö] lW l)k] %H1 Sá\*îGö3,6° ¾  
<Ö<" °\$ ^šcA/W"é ±QC u\*™3½>G ²)k] Œ l8{6°\$ 0- ø^šcA. ǀ ,%ÊGö^šcA2•]8 l5B\$¹ ø^šcA ... Œ3òRo ¾4 } r<x l?c(¥"p%j-x W<Ö<"  
)k] -\*Ã8- l W"ÚhÔ5B\$¹^šcAM Ex=;/â -H`Gö l4sP\_\$ 0-^šcA)k] \$ 0 l\*- ^šcA2•]8 l -3Ãa'^šcA0-%jQ~"ă%- \$ \$ ¾

aC7W l?c(¥/t&3^š>ú^«l†KègÔ#ágÔfñ8Ú/ø7' rY¾4T÷ | Ÿ:2h8(T?c(¥"p%j]ul† >³ l?c(¥"p%j1-PAExlJ » Ÿ:2@!@ \$À\$É"p%j#á1-PAEx#Š  
,ù<• W%<Hj"âbZgZ^^• ,gÜ%~ ¾4

Œ | lJ 1-PAExk "°%f8Ú/ø7'#ágÔfñ rY¾4LòZó =P? ø Ÿ:2h8(TGö\$ø%d>1hÚ »Œ\$ iø)Q%p%C-ÇE"D( l'èc?B+]Sab ø± Ÿ:2@!@ ¾l ±@!  
@+:2kp:2>½] j3 ²Gö7"(ý8•\$ ;"0• ¾4J1-YÚJ- l?c(¥/t&3^š>ú^«l†KègÔ Î ->ú^«&3^š5 /ñ €HCHÖGö"p"ă8•\$ 8-8ö laŒEa9=F`õ]Gkp »#"-  
(T Å9y#8 W%< ±&3^š0+ ²L»0Ô0•%CE" Ÿ(o\*î&3^š l ->ú^«Qw%p Š^š&,-(0lL= r0 !S mGö9×96 l € Ÿ:2@!@ \$À\$É"p%jGö i!@[4 ± 'a,,H]

h %€ l8Ú/ø7'#ágÔfñ]XP8 =P? ø?c(¥/t&3^š>ú^«l†KègÔGö% C-Ç:ô# ' l/èc?B+ =P? ø"èH`#¿c?B+ Æ\$ l\*ô&3^š9y#8Gö#'- €- 7/5 /ñ »&3  
^š 90+]6 i »NPS %UJ 4y6â]u9W%<>ú^«!SFš8•\$ L» ¾



8r%€ l%>7+c?B+(fPG# jQ &3iø)QGóE"D( »\*ô ÇaÇe9^šcA3ò8j8•\$ 5B\$^1&3^š>ú^« »!5aM>ú^«\$^1P » ->ú^«Qw!Okð4 SœL)\*ÇE7+hÔaMY¾  
>^3 l/èa03,lJ0 "â]8 ¾%>7+ rSfj - l r^é%CE" Ÿ(o\*î&3^š »5 TÂ Ÿ(o\*î &37j s ÇE •%a3^P-GöJ° ÇE• m lQ~ 'a,,&3^š!S m »B+ Ÿ(o  
&3^š l7j)l - [48µ+s:2>½] j3PE9 laBFš QÆPÃ%<\*™6â4à Š\$1#8là%?7' &3!S1á l!\$ >ú^« Â-Q>-\$ l j Ÿ(o\*î&3^š &3Z >ú^«Qw%a  
2'IW »%a]8#• »%a%IH< »%aHCHÖ l @Q~5 \$ >ú^«\$^1P /è/\$ &35B\$^1 ¾

} r<x l%>7+-x9«4à<Ö<"jul† >³0Ô3,Gó"â]8 laM r<x?c\$^%z Î7+%f%<"é Å"÷-+ l- E""ä^Ô% C-Ç l"ä%~ - Ÿ(o^šcAGöRðjP^"D %vS\Gö\$  
cA ¾

?c(¥/t&3^š>ú^«l†KègÔ jShenzhen Institute Of Consumption Quality ÇLòKbSICQl3,L= 2016 /æ9 8z 1 7W l7jF£?c(¥/t>ú^«Qw+F  
%Ê ÇE%Ç^é IPA?c(¥/t6±0 3è#83,L=Gö>ú^«&3^š9y#8Gö#'- »- 7/5 /ñ €- 7/HCHÖGö"p"ä8•\$ 8-8ö ¾



aC7W l?c(¥K Ÿ>é"â"âfñb+7'P »#â"âfñ0'UÉL» rY¾4T÷ | Ÿ:2h8(T?c(¥"p%jQu-QJul† l  
?c(¥"p%j1-PAExlJ »1-PAEx\$ Exg]\$9%paCE"â ý ÆbZ^^•.gÜ%~ ¾

Jul† Æ | lIJ 1-PAExk "°PE%z Ÿ:2h8(T Å#`6«hÛ » Æ\$ 0r4EL»7+hÔ lJXP8 =P? ø?c(¥"p%jGö Æ\$ %C-ÇE"D( ¾  
lJ1-YÚJ- l(§ 'PQ Æ\$ •7 P>#A »LP û7W^ýA2B:Gö27#' } l?c(¥"p%j<Ö •7 \$ \$ "½8•%vK?(bh0 l5 N"%p-•jG7"Gö Æ\$ l

/~8•K Ÿ>é"â(§% (¢Lð]3 Æ\$ »AEOJ ]3& ]T)k] Æ\$  
L»PK ú\*™\$ 4y-n%b6i4s ¾h %€ ?c(¥K Ÿ>é"â"âfñb+7'P »  
#â"âfñ0'UÉ =P??c(¥K Ÿ>é"âM a Tu(f »W ÎQ¾4Ro »>é"â  
\*^aæ"â!1#>\$`6±LÈL»7+hÔ27#' lè-k?c(¥"p%jHj"â Æ\$  
g`j aMY¾ (P0 lYÚJ-ç?[8 s Æ5B#lGöG 2C%phr=´ lÆ%  
-xaM r<x\$ 0→ aÆQ/ÆNm l'â%~5 ] [U#%g`j #y- / 3è s  
Æ%C-Ç ¾

aÆa9<Ö<"Jul†0 ]z Pç(¥"p%j €K Ÿ>é"âaM r<x\$ 0→ aÆ  
>³ l-?c(¥"p%j0r4Eaæ"â Æ\$ 5B! ø7"1•\_a P%~7h Ñ -  
<%€Gö"â s%z Î\*Ö- øSá\*íGö)lI² ¾

