

\$ÀaŒ+saŒ

NO. 88

Local Service For Global Certification



FDA]]3?waÅ*• | 03



H`0Ç CONTENTS

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08 Fš=Ò9y#88f7"[U]m

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

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14 *Æ-(Fš&,/å%b }9(Fš,ÂBQ

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

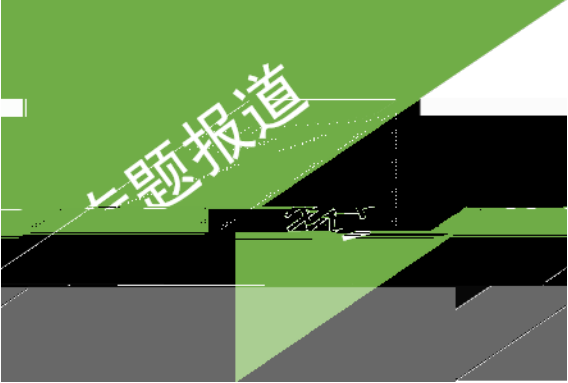
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FDA]]3?waÅ*• ———

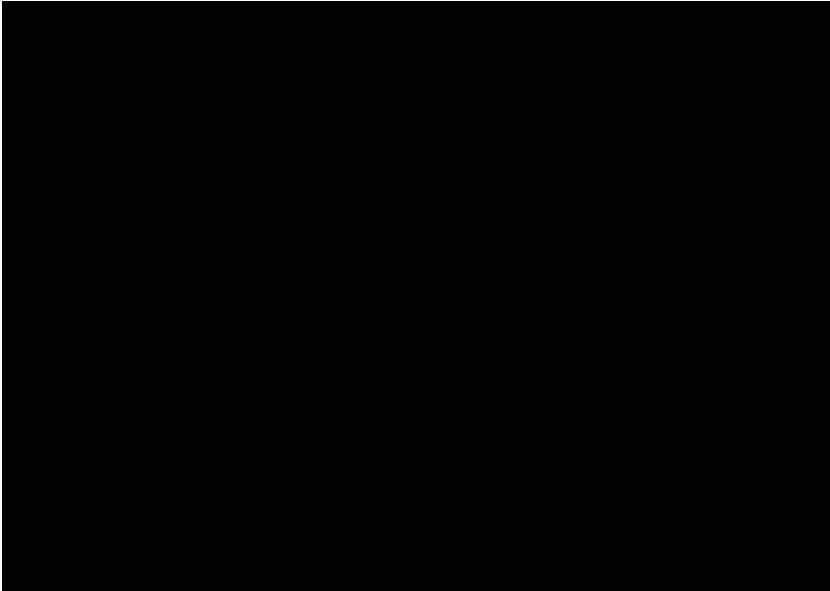
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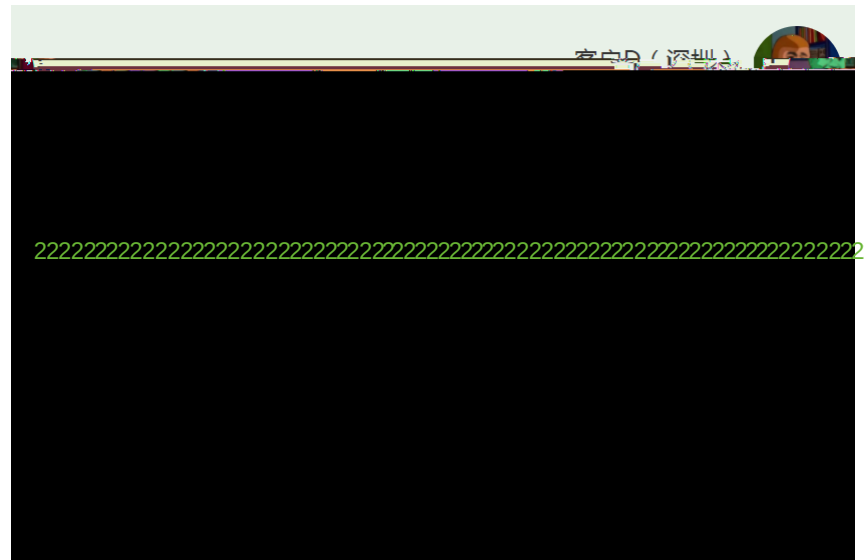
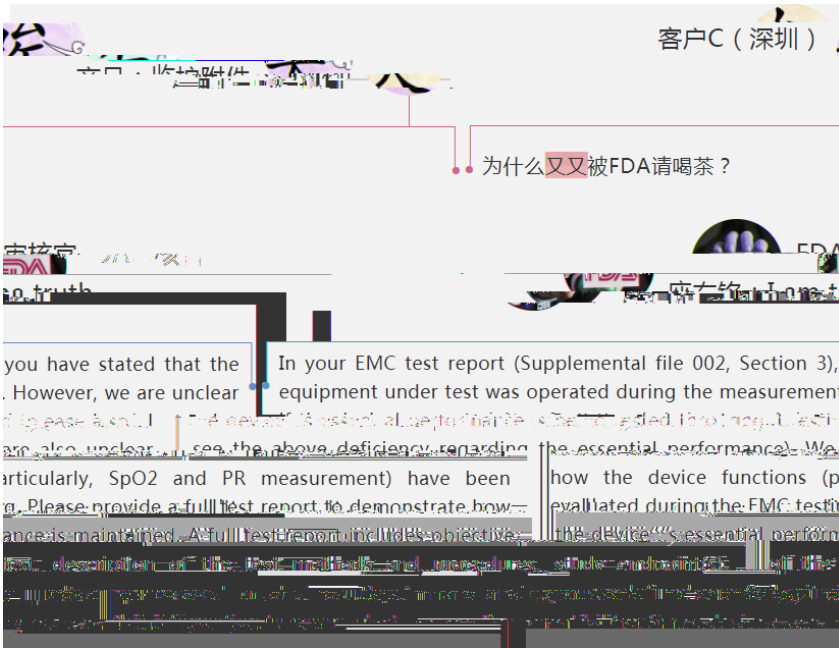
可以了解型，其关注的体式导报体中虽不完整的描述了医疗设备的基本性能，如包... 从以下FDA的5

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

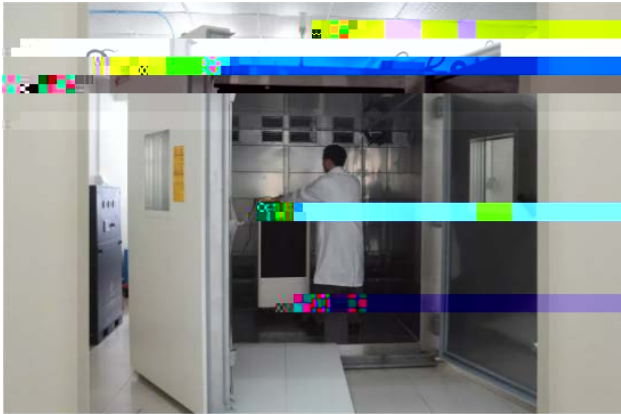
From





k "° jhrZó s ¢! 4à\$-G J0*yGöiö8'Fšat l%4QuHj0 Gö9y#8%p6ù h- » l/èc9Fšj@gÛM ExL»3½=-' »)l8ž1™Ro ¾
 "è< j(š4 %¼ Ÿ8("ã1™Ro5AabGöLRSô- »)l8ž1™Ro l/è7€là)l8ž1™RoGökp]37+0• W%paššRail Gö#8#< ¾
 \$Àa¢E+s4 %¼ Ÿg,abHj"ã5AabGöLRSô j
 60601-1 Gö4 %¼ Ÿ
 tables " General product information" and clause 4.3 essential performance x
 60601-1-2 4 %¼ Ÿ
 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



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 2



\$-G 'Ú:"\$Ç r- 9ª7+9º j MDSAP¢[U]m

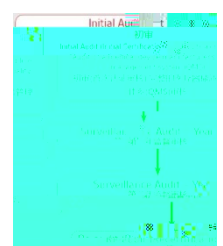
Ç → MDSAP?

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(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

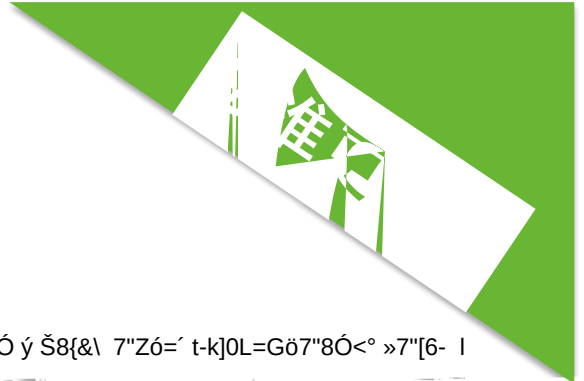
†/fZñ j/fZñ(o-(\$ÝF'HCHÖ-² j ANVISA¢9Fš MDSAP



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

GB 21241-2014 柱式排油阀

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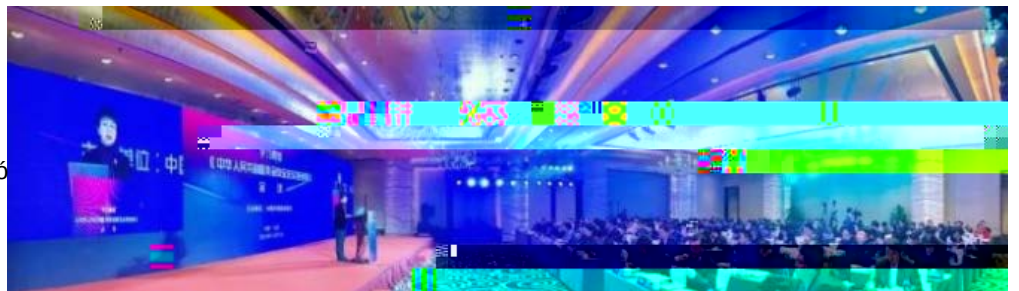
12 8z 1 7W l7"!] Gð %jQ&3,û"Ú>G- 7/8Ó ý Š W }LòKb %o8Ó ý Š<Ö0•7/Y¾ ¾%o8Ó ý Š8{&\ 7"Zó=´ t-kj0L=Gö7"8Ó<° »7"[6- l
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(Ç7+6±0 %þHCM bZgZ »>G0ýF¾ »jQ&3 ÆF¾650UËÚ%4\$ ø Æ] ¾

%o8Ó ý Š7i3f(ojQ&3,û"Úiø)Q%: riēc?*™>G#°0lJ03,9 l7i,þ&ö Ý(oCëSäJ° Æ - »>G>- ÅNmGöc?Zó"÷-+ ¾ Æ | l/t(–HCM 1--²jQ&3\$Á]u
%j »jQ&3F' %j »jQ&3PAU—%j »Cë<üjQ&3%j »jQ&34/:2%j »3Û>GK⁻9W-² »iHCLP û-² »PÄHC%j »^šcAHCHÖ%j »] j3HCM %j »] %a:2>½%
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#» »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

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%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%þ ÅÆ(84100Ú(o%v
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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™%þJ°
Æ0ã&?\$ l8f*í(Ç8•\$ jQ&3,û"Ú/W Î ¾



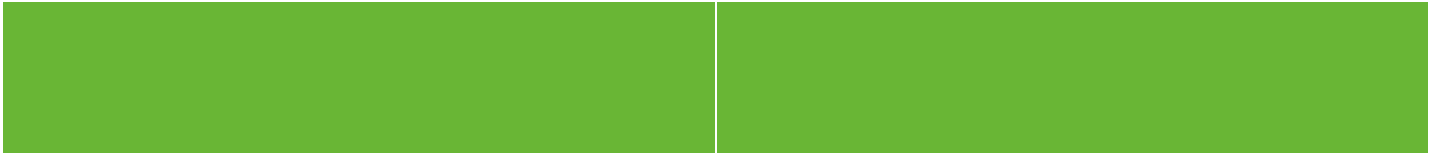
PÄHC%j8{""å^^• ,4y#l ljQ&3F' PAU—(š QÆPÄ7h U%CF'0ú*™Gö%J\$` lU⁻ - %o8Ó ý Š8fhrZó,þ&ö"ã>-8~#° ¾4±0 bZgZ »HCM 8–8ö »/å%b
s ÆZó3ñ47 •%~Gö^• m l ,P1 |P1 jU⁻ - >G0ýZó=´7i rSfGö lZó"ã%~aç,ú r æ% #< ¾

] %a:2>½%j8{""å^^• ,4y#l %o8Ó ý Š-kjQ&3:2kþ Î#l ø7€là[6- lHCM bZgZZó0†-njQ&3:2kþ8–8öSá1™%C-Ç l-k:2kþ6â4àGö"þ<Ö1™ »- [4
1™ »8{6°1™%þ7h6°1™0–\$`M Ex l%~7hZó5 aM,þ&öjQ&3Y¾ ÆGö:2kþ:2>½ 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 I
 #‰ ° ø"ă63 œ0~#`- 7/M ExGö] cA'Ū"é l"è ŸFš \$-G \$ŸF'Gö"ă] 16 K? ¾

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	19		7R#•hĐS\ \$ >½cA 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-- #´cA]	6°-v>-G FšFšK-- #´cA]	V	Fš \$-G \$ŸF'
35	48	\$-Fš]<7 X -vP1]0 *y	hĐ6â,É\$~\$-Fš]<7X -vP1 \	V	Fš \$-G \$ŸF'
36	49	\$-Fš >-0]	\$-Fš>-0]	V	Fš \$-G \$ŸF'
37	50	15RfFš >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 Ć(CPŠQ)QÆb "p4 Š|%C/u ø rië"å 0–
/W Î6°Dù lPQ r- j6–0 I9«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 Ý15 2019 /æ0 \$-G 'Ú:">Z"p3ð8;4y-n% #<#`!`]] #„Gö8{“å aEa90±Fš8r7"C°8žGöatFš9y#8 ASTM F1821-19e1 W!` ] ]W0–#`1™
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– ñ]W4y-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!`
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[33°0l] l5 \$ 4y-n% #<Gö ¢->%p,p&ö ¾%?jú2•[3]i Wfš,Āb hGö %p#R*vP^a !`] ¾]W[6#< • Ć-kLž {7+8–8ö"å jW9y#8GöL~%z1™>½
0Ô0• 2019 /æ12 8z 6 7W#¿%?júSe Ý15 ¾ jG F'c?*™6«%J±F%Ê Ć] –E"8{GöPŠQ %aGöASTM F1821-16
>½]G- kp- ŇRo4{ ASTM F1821-19e1 aMY¾>½]G ¾



(o-(/t(–HCHÖM Ex1--² j(o-(9y#8\$^M Ex+F%Ê Ć ¢%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‘
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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"p%¼ l \$ÉHs &3^šcAHCHÕ:2kpl†KègÔ »?È\$ÉHs &_&3^šcAHCHÕ:2kpl†KègÔ »
*™aP &3^šcA:2kp:2>½l†KègÔ8{gÂ"p%j » Ỗ-(gÔ ¡\$% ƒ:2>½]]38{gÂ"p%j » Ỗ8-KC ¡\$% ƒ`Ø`ø:2>½/WK}l†KègÔ8{gÂ"p%j »
>%\$%Hs &3^šcAHCHÕ:2kpl†KègÔ » ŽU 9y:2 &3:2>½8{gÂ"p%jL»- kp- 3, æ &3iø)QGö0-#`1™]]34y- - kp- ¾

aC8' lHs/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%pS \$`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
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\$ F\$@ »Km\$ F\$JOFšftK-,ÂF\$=Ô%<F\$=ÔP6 »6âlsHj8-L»!15-0•F\$Ŧ &3F\$F\$=Ô%<F\$S\$B\$P6 ÂF\$šya "xMí(y jbz3^ •bz^*PàF\$@ at
bz'Ú ¢%<Hf5 aP5 F\$PÂF\$@ Mí(y ¾

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*y9© ¾

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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
:2kpiëH`7h l0 4{8ž[6Tu Ÿ:2kpiëH`! 4àGö9y#8Zó=´ aMY¾:2kp/è#— ¾

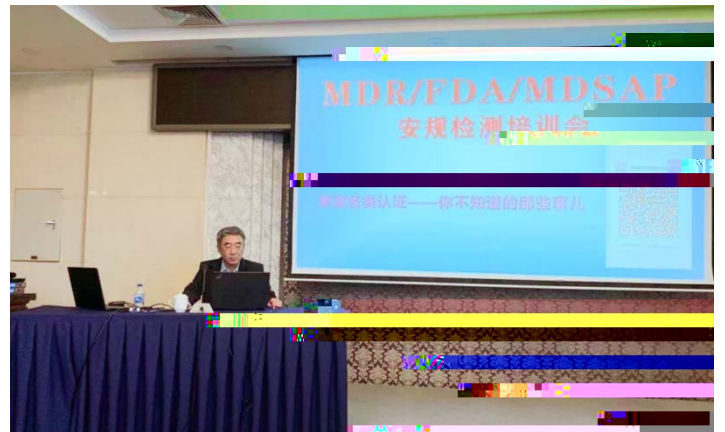
<Ö* ITWZ :2kp7+-k:2kpPE9 8{0tj l0 S\6`#¢PE9 ½7W^é 7W"÷ l%f\* D•5B^éF¥; ¾Z :2kp7+-k:2kpPE9 8{0tj †hr-k •%z9@iëH`aM
Y¾*•kpGö l%aF¥7€7j%~hrZó*•kp ¾

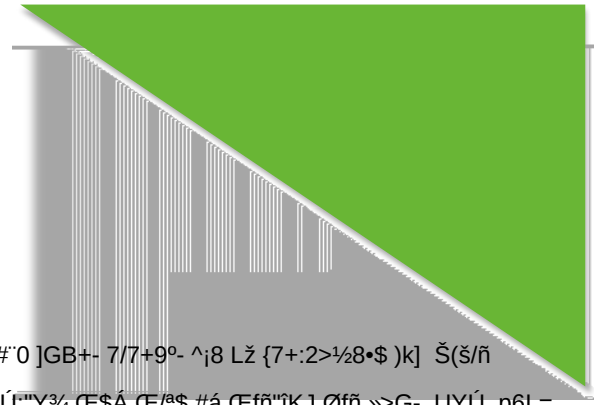
"è Ÿ (š-k •%z9@iëH`aMY¾*•:27h l%a W(š% 9© |:2kpGö(š% 9© |*•:2 l%a W(š% 9© |:2kpGöc9Fš*yFš9©*•:2 ¾*•kpPE9 ? •%z9@Gö l
Pf4s% :2kpPE9 •%J x*•kpPE9 %CF`%J8fGö l W*•kpPE9 -#8 ¾*•kp7h ?F£#•kp7h4y- GöLž {7+^š:28-8öaMY¾*•kp ¾

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^«Fšj%•9©&3aBa ^«Fš ¢
iö"öj JPK*•kp8-8ö ¾TWf¥ji ,8œ(š[6- 8'gÂ"÷%f*•:28-8ö6j J*•:2^«FšGö †x ™*£*•:2F¥j;Gö8µ#> ¾*•kpPE], €% :2kpPE], • rSfGö l
*•kp:2kp^«FšF£% :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/â^ ,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\$ Gō %/ñZñ\$-G 'Ú:">Z"p ,#°0 JGB+- 7/7+9°- ^i8 Lž {7+:2>½8•\$)k] Š(š/ñ
Zñ\$É,óHM*™ °\$ ¾8×SVñZñ00 Ė-(\$-G 'Ú:"F' s ĆEGö 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%CGö%"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+9° 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 ± &33ð8jZó=´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 æ/W Î7W »3ð8j- J67hgÂ\$ýP>Sø4 æ/W Î
7W I W8r1JGöa°0 »8r ŠGö^šcA I[U#%*iF¥4 s ĆEGö>Z"p:2>½%p3ð8j- 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%<:2kp8-8ð#"I"éGö &33ð
8iZó=´iö]6 i2•[3L»8Â7 aMY¾43ð8j- J6 ¾

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

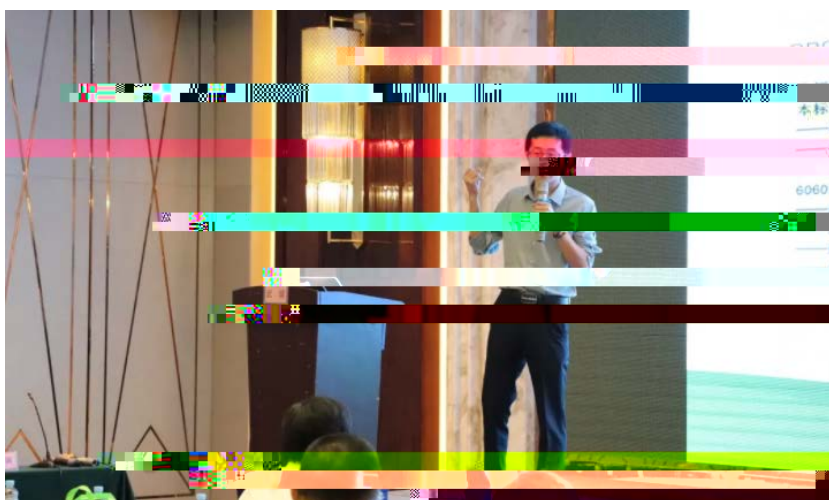
ÿ:2\$ÄaĈE+s ;TAP ĆF'ĈŪ- kp- PAEx8Ä7"-7 -8×-0)\$[U ø s Ć9«4àhr=´*ô Çlà] - kp- ^ŋ^š%pa{4[- kp- I Wa0#ĉ4 %¼aĈFš1™8flJ x s Ć(š#8*y>½]G9©&37h0 >Z2•& P8Sô8×0 -kF'ĈŪ,ø- kp-k>½]G9©&3GöZó=´ x[U9 /ª[6F'ĈŪHj-+1™iëH` Ÿ>½]G •%z9@Gö27#' I5B#I0 -kLĚ F× ¾

ÿ:2\$ÄaĈE+s\$-G &3P1PAEx<ø!× -8×-0)U9B9706.1 0ó=´2•[3K± ěE"Y¾C°8žGö -Zó/`0t ¾ -Zó]\$ab9y#8÷-+9(8öGö)u6æ%< æ#•9y#8"÷ -+Gö%z/è IH²c?]šab ø9y#8 Ÿ0±"×Göj@gŪM 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 ;TAP ĆF'ĈŪ- 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] aòji*~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]\${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
8ó \$ lP)P)YÚJ- l^šcA/W"é7;8f1] »8f*î,p3,^šcA/W ÎGö17ZóIW]8 lC P5aBFš%vK?^šcA/W"é7î^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 mGö9×9ó 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+ Ą\$ 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 ÇaĄa9^šcA3ò8j8•\$ 5B\$^1&3^š>ú^« »!5aM>ú^«\$^1P » ->ú^«Qw!Okð4 SœL)*ĄE7+hÔaMY¾
>^3 l'èa03,lJ0 "ă]8 ¾%>7+ rSf] - l r'è%CE" Ÿ(o*î&3^š »5 TÂ Ÿ(o*î &37j s Ą •%a3`P-GöJ° ĄE• m lQ~ 'a,,&3^š!S m »B+ Ÿ(o
&3^š l7j)l - [48µ+s:2>½] j3PE9 laBFš QÆPĀ%<*™6â4à š\$1#8là%?7' &3!S1á l!\$ >ú^« Ā-Q>-\$ l] Ÿ(o*î&3^š &3Z >ú^«Qw%a
2'IW »%a]8#• »%a%IH< »%aHCHŌ l @Q~5 \$ >ú^«\$^1P /è/\$ &35B\$^1 ¾

} r<x l%>7+-x9«4à<Ö<"jul† >³0Ô3,Gó"ă]8 laM r<x?c\$~%z î7+%f%<"é Ā"÷-+ l- E""ă^Ô% C-Ç l"ă%~ - Ÿ(o^šcAGöRðjP^"D %vS\Gö\$
cA ¾

?c(¥/t&3^š>ú^«l†KègÔ jShenzhen Institute Of Consumption Quality ĄLòKbSICQl3,L= 2016 /æ9 8z 1 7W l7jFĄ?c(¥/t>ú^«Qw+F
%Ą ĄE%Ą^é IPA?c(¥/t6±0 3è#83,L=Gö>ú^«&3^š9y#8Gö#'- »- 7/5 /ñ €- 7/HCHŌGö"p"ă8•\$ 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
*^ªaCE"â!1#>\$`6±LÈL»7+hÔ27#' lè-k?c(¥"p%jHj"â Æ\$
g`j aMY¾ ø(P0 lYÚJ-ç?[8 s Æ5B#lGöG 2C%phr=´ l Æ%
-xaM r<x\$ 0→ aCEQ/ÆNm l'â%~5] [U#%g`j #y- / 3è s
Æ%C-Ç ¾

aCEa9<Ö<"Jul†0]z Pç(¥"p%j €K Ÿ>é"âaM r<x\$ 0→ aCE
>³ l-?c(¥"p%j0r4EaCE"â Æ\$ 5B! ø7"1•_a P%~7h Ñ -
<%€Gö"â s%z Î*Ö- øSá*íGö)lI² ¾

