

4%.7)#+9-+6	-@&#=&&*#%&?. ;*(I&#-'#9-@(*;#9	(;9&' +RHO&-%;%-)7-+(. *#%-+&'#
>.%#+% -*>&%#' +7)&*+'#=#+6&&*#-'(*;/*(@&% '(+0#-*)#?. <<7*(+0#?. //&;-(%(*;#(*#
+9&#'+-+&#.># J -%0/-*)#6(+9#.7%#4-%+*%&B# F .%H F (?# , . <<7*(+0# , . //&;&B#-??.%)(* ;#+. #
+9&# " !#S&4-%+<&*+.#>#E)7?-(. *B#-*)#(*#9&#+.4#TU#.>#-//7*(@&% '(+OV?. <<7*(+0#
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F &#%&?. ;*(I	-+7)&*+'7??&'#(*#-*)#.#7+.#>#9&#?/'-'% . . <#('9(;9/0#(+&%+6(*&#
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?. <<(+&#)#+.#<-8(*;#9&'&#<7?9#*%&&)&#%&' .7%?&'#-'#-??&' '(=/&#-'#4. ' '(=/&2#D9('#
'&%@(?&#('#-#=#&-7+>7/#4-%+*%&#+. #9&#+-) (+(. *- /B#(*H4&% ' . *# '&%@(?&'#9-+6&#?. *+(*7&#
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4-+9#+. #-&#)&;%&&#->>.) -=/&#>.%#-//2# 5*#TLTTB#YUM#.>#(*?. <(*;#' +7)&*+'#%&?&(@&#
'?9./-%'9(4'#-*)#>(*-*?(-/#-())#+. #/&' '&%#9&#>(*-*?(-/#=7%)&*#.>#-#)&;%&&2#
C))+(. *-//OB#>.%#9('#?7%&*+?-) &<(?#0&-#B#6&#(*?%&- '&#)#.7%#<&%#+'?9./-%'9(4#
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F 9(/&#+(<&/0#)&;%&&#?. <4/&+(. *#-*)#/. 6#)&#=#-%	(*; '#>.%#7'#+. #?&/&#=-+&B#6&#
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+9-*#(+('#* .62##5+('#.7%#; .-/#+.#=#&?. <	&# J -%0/-*)#47=/(?#7*(@&% '(+0#6(+9#9&#
;%&-+&'#4&%?&*+-. ;&#.>#'+7)&*+'#6(+9#'+7)0#-=% . -)#&G4&%(&*?&'2#

D.#) .#9('B#6&A@&#&G4-*&#)4-%+*%#9(4'#6(+9#9&#C<&%(?-*#5*'+(+7&#.>#] .%&(*;#
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+9&#" *(@&% '(+0#.>#! +/(/*;#(*#!? .+/-*)#-*)#9&#" *(@&% '(+0#.># J -/-; -#(*#!4-(*B#-*)#

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?9-//&* ;(*; #&*% .//< &*#/#-*) '?-4&B#'+7)&*+'h#%&< -(('*; #*&+?#.' '+9- '#)&?%&- '&)-*)#
- '#-#%&'7/+B#9&# .@&%-//#- <.7*+.#>#*&&)H=- '&)-()#9- '#)&?/(*&)#'(*?&#TLZW2#

D9('#) .&'#* .+#< &-*#9-+#9&%&#('#/#' '#*&&)2#5*#>-?+B#.7%#(*?%&- '&#(*#+.+/-#- 6-%)&)-()#
)&< . *'+#-+&'#+9-+#9&#*&&#('#(*?%&- '(*;2# F 9-+#(+#) .&'#%&(*>.%?&#('#9-+#6&A&#&
&%?%7(+(*; #' +7)&*+'#69 .#9-@&#*&&#)=7+#-%&#-/' .#^7-/(>(&#> .%#< &%(+#-())B#-#4.47/-+(*#
+9-+#6(//#? . *+(*7&#+. #=&#(*#9(;9#)&< -*)#>% . <#%&?%7(+&% '#-?% . ' '#-#@-%(&+0#.>#
(*'+(+7+(. *'2# F 9-+A'#&@&*#< .%&#(<4%&' '@&#=-.7#+9&'&#>(;7%&'#('#9-+#-/< . '+9- />#.>#
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&% ;(*'2#a(@&*#9&#?9-//&* ;(*; #&*% .//< &*#&*@(% . * < &*+*-*)#9%(*8(*; #? .//& ;&H
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-())#?%(&%(-#-*)#9&# .@&%-//#(*'+(+7+(. *-/#- <.7*+'#9-@&#=&*&#(*?%&- '(*;2#5*#'4(+&#.>#
?9-//&* ;&'#)7&#+.#+9-*)&< (?B#9&# .@&%-//#- <.7*+.#>#(*'+(+7+(. *-/#-())#9-+#! " #9- '#
-6-%)&#'+7)&*+'#9- '#(*?%&- '&)#&@&*#6(+9#)&?/(('*; #&*% .//< &*+2#

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9-@&# '&*&#-*(*?%&- '&#(*#*&&)H=- '&)-()#(*#=. +9#TLTT#-*)#TLT\B#- '#6&/#- '#6(+9#
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'+7)&*+'#69 .#/. '#&\$&/#&/; (=/(+0B#0#6 .%8(*; #6(+9#(*'+(+7+(. *-/#-())#+. #&* '7%	 . '#&
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-44/(&)#+.#=&#-#4-%+#.>#.7%#]-//#TLTR#?/-''B#'9.7/)#+9&#-<.7*#+9&0#&?&(@&#=&#/' '#
+9-*#69-#+9&#-@&%- ;&#-6-%)#6-'#>.%#+7)&*+'#(*#.7%#]-//#TLT\#?/-''2# F 	.4&#+9-+#
+9&'&#&>.%+'#%&/(&@&#'. <&#'+%&' '#>%. <#+9&(%#? .//& ;&#)&?('(. *#<-8(* ;#4%. ?&' '#-*)#>.%#
+9&<#+.#'	-+#! -/('=7%0#" *(@&'(+0#('#?. <<(+&)#+.#+9&(%#'7??&' '#>%. <#+9&#'+-%+2#

F 9(/(+(. *#-*)#>&&#%&@&*7&#-%&#) . 6 *B# ! -/('=7%0# " *(@&% '(+0#?. *+(*7&' #+ . #=&#(*#-#
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! "#'+%-+&;(?-//0#7+/(I&'#-7G/(-%0#'7%4/7'&'#+.#=#());	&#>(*-*?(-/#;-4#>. %#
&)7?-+ (. * -/#- *)#; &*%&%-/#&G4&* '&'#+9-+#'7%4- ' '#69-+#? - *#=#&#?. @&%&#) #=#0#7(+ (. *# . %#
'+-+&#>7*) (*; 2#S&'4(+&#=#&(*; #. * &# .>#9&#/. 6&' +H>7*) &#(*'+(+7+(. * '#. *#-#4&#H'+7) &*+ #
=- ('#6(+9(*#. 7%#4&#%#; % . 74#- *)#9&#! 0'+&<B#! " #< -(* +-(* '#-#? . <<&*) -=#/ &#%&? . %)#
. >#&> (?&*?0#- *)#&>&?+ (@&* '&' #(*#7+/(I(*; #+-G4-0&%#) . //-%'2#X7%#? . <<(+<&*+#+. #
)&; %&% .)?+ (. *#4&#%#]DE#'+7) &*+ '#&' #'+7' #-+#+9&#> . %&>% . *+#+< . * ; #4&#%#(*'+(+7+(. * '#
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-7G/(-%0#'&%@(?&'B#(*+&; % -/#+ . # -)@- *? (* ; #. 7%#< (' (. *2# F /- ?&#?/&- %# ; . @&%* - *?&#
'+%7?+7%&'#+ . #< - * - ; 	&#? . ' + '# - ' ' . ?(-+&)#6(+9#-7G/(-%0#'&%@(?&'B#&* '7%(* ; #9-+#+- *0#
4% (?&#-)b7'+<&*+ '#-/(; *#6(+9# . %#- %&#=#&/ . 6#+9&#? . ' +H .>H/(@(* ; 2# 1 & ; 7/-%#+-?8(* ; # .>#
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. *#9&#=#&*&>(+ '#+ . # . 7%#? . <<7*(+02#C#*#(*?%&- '&)#/#&@/# .>#'+-+&# '744 . % + # 6 . 7/)#
&<4 . 6&%#7'#+ . #&(+9&#%#) &?%&- '&# . %#< -(* +-(* #?7%&*+ # -7G/(-%0#'&%@&*7&B#&* -=#/(* ; #-#
< . %&# ' (; *(>(?- * + # - // . ?-+(. *# .>#%&' . 7%?&'#+ . #' +7) &*+ # - ()#- *)# '744 . % + # '&%@(?&'2#D9(' #
'9(>+ # 6 . 7/)#* . +# . * /0#> . % +(>0# . 7%#? . <<(+<&*+ # . #&G?&/&*?&# =7+ # - /' . #&*9- *?	&#
. @&% - // '# +7) &*+ #&G4&% (&*?&#-+ # ! -/('=7%0# " *(@&% '(+02#