

!" #&/

4;O <548G=>3> 70AB>AC20==O ?@5?0@0BC

!;04 ;V:0@AL:>3> 70A>1C:

4VNGV @5G>28=8: 1 B01;5B:0 D5=>;L=>3> 3V4@>D>1=>3> ?@5?0@0BC ?@>?>;VAC C ?5@5@0EC20==V =0 100 % 2
4>?>28=8: FC:>@-@0DV=04, ?>2V4=>, :@>E<0;L :0@B>?;O=89, <03=VN AB50@0B.

V:0@AL:0 D>@<0. "01;5B:8.

"01;5B:8 2V4 A2VB;>:>@8G=52>3> 4> A2VB;>:>@8G=52>3> 7 75;5=C20B8< 01> AV@C20B8< 2V4BV=>:> :>L>@C, 7 2:@0?;5==O<8 V A?5F8DVG=8< 70?0E<, 7 @8A:>N
V D0A:>N.

0720 V 465==O 28@>1=8:0. "«\$0@<0F52B8G=0 :>@>2□O».

#:0W=0, 61013,

\$0@<0>B5@0?52B8G=0 3@C?0. @5?0@0B8, I> 70AB>A>2CNBLAO ?@8 70E2>@N20==OE 3>@;0. =B8A5?B8:8. >4 "I R02A A20.

><1V=>20=89 ?@5?0@0B, 4VO O>3> 7C<>2;5=0 :>=5=B0<8, I> 2E>4OBL 4> 9>3> A;:04C.

\$5=>;L=89 3V4@>D>1=89 ?@5?0@0B ?@>?>;VAC (?@>4C:B 68BBT4VO;L=>ABV 146V;) G8=8BL 0=B8=C (=0 AB0DV;>:>:8, :8H:>2C, A8=L>3=V9=C ?0;8G:8),

?@>B83@81:>2C (=0 3@818 @>4C Candida), ?@>B870?0;L=C, @0=>703>N20;L=C V 457>4>@0FV9=C 4VN.

A:>@1V=>20 :8A;>B0 15@5 CG0ABL C @53C;OFVW >8A;N20;L=>-2V4=>2=8E ?@>F5AV2, C 2C3;52>4=>1@B0==V :@>2V, @535=5@0FVW B:0=8=. '8=8BL 7030;L=>AB8

?V@=VABL >@30=V7V=D5:FV9, =>@<0;V7CT ?@>=8:=VABL :0?V;O@V2.

>;070==O 4;O 70AB>AC20==O. # A;:04V :>3> ;V:C20==O3>AB@8E V E@>=VG=8E 70?0;L=8E 70E2>@N20=L @>B>2>W ?>@>6=8=8, 3;>B:8 V 3>@B0=V (AB<0B8B,
D0@8=3VB, =0?>D0@8=3VB, :0@8=3VB, :0@8=3>B@0E5WB), 70?0;L=8E ?@>F5AV2 ?VA;OB=>78;5:B> B0 V=H8E >?5@0B82=8E 2B@CG0=L =0 ->@30=0E, ?@<5=52>3>
5?VB5;VWBC.

@>B8?>;070==O. V428I5=0 GCB;82VABL 4> :>=5=BV2 ?@5?0@0BC/?@>4C:BV2 146V;L=8FB20, 3>AB@0 5:75<0, B@><1>7/AE8;L=VABL 4> B@<1>7V2, B@>

<1>D;51VB, FC:@>289 4V015B, BO6:V 70E2>@N20==O =8@>:.

@5?0@0B 70AB>A>2C20B8 BV;L:8 ?VA;O 7C?8=:8 :@>2>B5GV 7 C@065=8E 4V;O=>: A;87>2>W >1>;>=:8 ?@>6=8=8 @>B0.

0;56=V 70E>48 157?5:8 ?@8 70AB>AC20==V.A:>@1V=>20 :8A;>B0 O: 2V4=>2=8: <>65 2?;820B8 =0 @57C;LB0B8 ;01>@0B>@>8E 4>A;V465=L ?@8 287=0G5==V 22V

3;N:>78, 1V;V@C1V=C, 0:B82=>ABV B@0=A0B5=078 B>I>. A:>@1V=>20 :8A;>B0 G8=8BL ;53:C AB8<<65 2?;820B8 =0 ?@>F5A 70A8=0==O.

@5?0@0B ?@89<0B8 7 >15@56=VABN ?0FVT=B0< 7 45DVF8B<< 3;N:>7>-6-D>AD0B453V4@>35=078.

A>1;82V 70AB5@565==O.

0AB>AC20==O C ?5@V>4 203VB=>ABV 01> 3>4C20==O 3@C44N. # ?5@V>4 203VB=>ABV ?@5?0@0B A;V4 70AB>A>2C20B8 ?V4 =03;O4< ;V:0@O 7 C@0EC20==O<

A?V22V4=>H5==O :>@8ABL/@878:.. @8 =5>1EV4=>ABV 70AB>AC20==O 3>4C20==O 3@C44N A;V4 ?5@5@20B8.

40B=VABL 2?;820B8 =0 H284;VABL @50:FVW ?@8 :5@C20==V 02B>B@0=A?>@B< 01> @>I>BV 7 V=H8<8 <5E0=V7<0<8. 5 2?;820T.

VB8. @5?0@0B 70AB>A>2C20B8 4VBO< 2V:<< 2V4 15 @>:V2.

!;>AV1 70AB>AC20==O V 4>78. @89<0B8 4>@>A;8< V 4VBO< 2V:<< 2V4 15 @>:V2. "01;5B:8 @>7A<>.BC20B8 C @>B>2V9 ?>@>6=8=V.

>AB@V V E@>=V G=V 70E2>@N20==O @>B>2>W ?>@>6=8=8 V 3;>B:8 (AB<0B8B, D0@8=3VB, =0?>D0@8=3VB). @89<0B8 ?> 1-2 B01;5B:8 3 @078 =0 45=L.

0@8=3VB, :0@8=3>B@0E5WB. @89<0B8 C ?5@H89 45=L ?> 2 B01;5B:8 G5@57 :>6=V 2 3>48=8 (8-10 B01;5B:8 =>0 4>1C). >BV< ?> 1-2 B01;5B:8 3 @078 =0 45=L.

@><5=5289 5?VB5;VWB. @8 ;V:C20==V ?@<5=52>3> 5?VB5;VWBC I V II ABC?5=O ?@89<0B8 ?> 1 B01;5BFV 3-4 @078 =0 45=L, III ABC?5=O ?> 1 B01;5BFV 4-6

@07V2 =0 45=L.

C@A ;V:C20==O 5-10 4=V2 70;56=> 2V4 B5@0?52B8G=>3> 5D5:BC, ?5@5=>A8<>ABV ?@5?0@0BC, E0@0:B5@C :>W B5@0?VW.

5@54>7C20==O. @8 >4=>@07>2>AC20==V =047 ?@5?0@0BC <>6;825 ?>A8;5==O ?>1VG=8E 5D5:BV2, 28=8=5==O =C4>B8, 1;N20==O, 74CBBO V 1>;N C 682>BV,

?V428I5=>W 71C4;82>ABV.

V:C20==O: 2V41V2.

>1VG=V 5D5:B8. >6;82V @50:FVW 3V?5@GCB;82>ABV, C B. G. A25@1V6 3V?5@5

0 AL>3>4=V ?>2V4<>;5==O ?@> V=HV =51060=V @50:FVW =5 =04E>48;8, >4=0: B5>@5B8G=><>6;82V =0ABC?=V @50:FVW, 0A>FV9>20=V 7 3V?5@GCB;82VABN 4>

4VNG8E @5G>28= ?@5?0@0BC: :@>?82 O=:0, 5:75<0, 7048H:0, =01@O: 2V=:5, 0=0DV;0:B8G=89 H>;, =C4>B0, 2V4GCBB0 ;53>3> ?5GV==O/ACEVABL C @>BV.

70T<>4VO 7 V=H8<8 ;V:0@AL:8<8 70A>10<8 B0 V=HV 2848 270T<>4V9. @5?0@0B =5 @5:><5=4CTBLAO 70AB>A>2C20B8 >4=>G0A=> 7 V=H8<8 0=B8A5?B8G=8<8

70A>10<8 01> ?@>4C:B0<8 146V;L=8FB20, ?@5?0@0B0<8, 3>@<=>0;L=8<8 :>=B@0F5?B820<8, ;C6=8<8 =0?>O<8.

A:>@1V=>20 :8A;>B0 ?V428ICT 2A<>.BC20==O ?5=VF8;V=C, B5B@0F8;V=C, 70;V70, ;V@5=A 5B8;>2>3> A?8@BC; ?>A;01;NT 4VN 35?0@8=C V =5?@O<8E

0=B8:>03C;O=BV2; ?V428ICT @878: 28=8=5==O :@8AB0;C@VW ?@8 ;V:C20==V A0;VF8;0B0<8; ?V428ICT B:0=8=C B>:A8G=VABL 70;V70 (>A>1;82> C A5@F52> O7V)

?@8 >4=>G0A=>AC20==V 7 45D5@>:A0<, I> <>65 ?@8725AB8 4> 45>2>>1V3C, B>T:FVW 45D5@>:A0

"5@ABV. 2 @>:8.

#<>28 715@V30==O. 15@V30B8 2 >@83V=0;L=V9 C?0:>2FV ?@8 B525 □. 15@V30B8 C =54>ABC?=>

#?0:>2:0. "01;5B:8 10E2, 20, 24 C 1;VAB5@V C :>@>1FV; 10 C 1;VAB5@V.

0B53>@VO 2V4?CA:C. 57 @5F5?B0.