

!" #&/
4;O <548G=>3> 70AB>AC20==O ;V:0@AL:>3> 70A>1C

"\$-
(TERBINAFINE-KV)

!::04:

4VNG0 @5G>28=0: terbinafine;

1 B01;5B:0 5@1V=0DV=C 3V4@>E;>@84C C ?5@5@0EC20==V =0 B5@1V=0DV= 250 <3;
4>?>28=8: F5;N;>70 :@8AB0;VG=0, :@>E<0;L :C:C@C47O=89, =0B@VN :@>E<0;L3;V:>;OB (B8?), :@5
<=VN 4V>:A84 :>;W4=89 1572>4=89, <03=VN AB50@0B, 3V?@><5;>70 (3V4@>:A8?@>?V;
<5B8;F5;N;>70).

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

A=>2=V DV78:>-EVABV: B01;5B:8 ?;>A:>F8;V=4@8G=>W D>@<8 7V A:>H5=8<8 :@0O<8 V @8A:>N,
1V;>3> 01> <0965 1V;>3> :>;L>@C.

\$0@<0:>B5@0?52B8G=0 3@C?0. @>B83@81:>2V ?@5?0@0B8 4;O 70AB>AC20==O C 45@
<0B>;>3VW. @>B83@81:>2V ?@5?0@0B8 4;O A8AB5<=>3> 70AB>AC20==O. "5@1V=0DV=. >4 "%
D01B A02.

\$0@<0:>;>3VG=V 2;0AB82>ABV.

\$0@<0:>48=0

"5@1V=0DV= T 0;V<0, O:89 <0T H8@>:89 A?5:B@ ?@>B83@81:>2>W 4VW I>4> V=D5:FV9 H:V@8,
2>;>AAO V =V3BV2, A?@8G8=5=8E B0:8<8 45@<0B>DVB0<8 O: *Trichophyton* (=0?@8::04 *T. rubrum*, *T.*
mentagrophytes, *T. verrucosum*, *T. tonsurans*, *T. violaceum*), *Microsporum* (=0?@8::04 *Microsporum canis*),
Epidermophyton floccosum V 4@V646>2V 3@818 @>4C *Candida* (=0?@8::04 *Candida albicans*) B0
Pityrosporum. # =87L:8E :>=F5=B@0FVOE B5@1V=0DV= ?@>O2;OT DC=3VF84=C 4VN 2V4=>A=> 45@
<0B>DVBV2, ?;VA=O28E V 45O:8E 48<>@D=8E 3@81V2. :B82=VABL 2V4=>A=> 4@V646>28E 3@81V2
70;56=> 2V4 WE=L>3> 284C <>65 1CB8 DC=3VF84=>N 01> DC=3VAB0B8G=>N.

"5@1V=0DV= A?5F8DVG=> A?@8OT @0==L>A8=B57C AB5@8=V2 C ::VB8=V 3@810. &5 ?@872>48BL
4> 45DVF8BC 5@3>AB5@>;C V 4> 2=CB@VH=L>;:VB8==>3> =0:>?8G5==O A:20;5=C, I> A?@8G8=OT
703815;L ::VB8=8 3@810. VO B5@1V=0DV=C 74V9A=NTBLAO H;OE< V=3V1C20==O D5@<5=BC
A:20;5=5?>:A84078 C ::VB8==V9 <5<1@0=V 3@810. &59 D5@<5=B =5 =0;568BL 4> A8AB5<8 F8B>E@>
@8 70AB>AC20==V 2=CB@VH=L> ;V:0@AL:89 70AV1 =0:>?8GCTBLAO C H:V@V C :>=F5=B@0FVOE,
I> 70157?5GCNBL 9>3> DC=3VF84=C 4VN.

\$0@<0:>:V=5B8:0.

VA;O ?5@>@0;L=>3> 70AB>AC20==O B5@1V=0DV= 4>1@5 2A<>:BCTBLAO (> 70 %); 01A>;NB=0
1V>4>ABC?=VABL B5@1V=0DV=C, I> 2E>48BL 4> A::04C ;V:0@AL:>3> 70A>1C "5@1V=0DV=-C
B01;5B:0E, C @57C;LB0BV ?@5A8AB5<=>3> <5B01>;V728BL 1;87L:> 50 %. 07>20 ?5@>@0;L=0 4>70
250 <3 B5@1V=0DV=C ?>:070;0 A5@54=T 7=0G5==O ?V:>28E :>=F5=B@0FV9 C ?;072V 1,3 #
@V2=>206=>@V2=O=> 7 >4=>@07>2>N 4>7>N <0:A8<0;L=0 :>=F5=B@0FVO B5@1V=0DV=C 1C;0 2
A5@54=L>G8=8BL ?>4>ABC?=VABL B5@1V=0DV=C (71V;LH5==O AUC<5=H =V6 =0 20 %), 0;5 =5
=0ABV;L:8, I>1 28<030B8 :>@5:FVW 4>78.

"5@1V=0DV= 72O7CTBLAO 7 1V;;<8 ?;07<8 :@>2V. V= H284:> 48DC=4CT G5@57 45@
=F5=B@CTBLAO C ;V?>DV;L=>3>2>

"5@1V=0DV= B0:>6 284V;OTBLAO 7V H:V@=8< A0;>< V, B0:8< G8=><, 4>AO30T 28A>:8E
:>=F5=B@0FV9 C 2>;>AO=8E D>;V:C;0E, 2>;>AAV B0 H:V@V, 71030G5=V9 H:V@=8< A0;>6 4>2545=>,
I> B5@1V=0DV= @>7?>4V;OTBLAO C =V3BL>2V ?;0AB8=:8 ?@>B03< ?5@H8E B86=V2 ?VA;O
>?>G0B:C B5@0?VW. "5@1V=0DV= <5B01>;V7CTBLAO H284:> B0 5:AB5=A82=> 7 CG0ABN ?@8=09
<=V A5<8 V7>D5@<5=V2 CYP 7 VAB>B=8< 2=5A:>< 7 1>:C CYP2C9, CYP1A2, CYP3A4, CYP2C8 V
CYP2C19. =0A;V4>: 1V>B@0=AD>@<0FVW B5@1V=0DV=C CB2>@NNBLAO <5B01>;VB8, O:V =5
<0NBL ?@>B83@81:>2>W 0:B82=>ABV V 282>4OBLAO ?5@5206=> 7 A5G5N. 5@V>4
=0?V2282545==O ;V:0@AL:>3> 70A>1C AB0=>28BL 17 3>48=. :>07V2 I>4> =0:>?8G5==O ;V:0@AL:>3>
70A>1C 2 >@30=V7

V>4>ABC?=VABL ;V:0@AL:>3> 70A>1C "5@1V=0DV=-=5 70;568BL 2V4 ?@89>
>A;V465==O D0@<0>:V=5B8:8 @07>28E 4>7 ;V:0@AL:>3> 70A>1C 7 CG0ABN ?0FVT=BV2 7
?>@CH5==O< DC=:FVW =8@>: (:;V@5=A :@50B8=V=C < 50 <;E2) 01> 7 C65 =0O2=8<8
70E2>@N20==O<8 ?5GV=:8 ?>:070;8, I> :;V@5=A ;V:0@AL:>3> 70A>1C "5@1V=0DV=-C B0:8E
?0FVT=BV2 <>65 1CB8 7<5=H5=89 ?@81;87=> =0 50 %.

;V=VG=V E0@0:B5@8AB8:8.

>:070==O.

@81:>2V V=D5:FVW H:V@8 V =V3BV2, A?@8G8=5=V *Trichophyton* (=0?@8:;04 *T. rubrum*,
T. mentagrophytes, *T. verrucosum*, *T. violaceum*), *Microsporum canis* B0 *Epidermophyton floccosum*.

1. !B@83CG89 ;8H09 (B@8E>DVBVO 3;04:>W H:V@8, B@8E>DVBVO ?@<568=8 V 45@<0B>DVBVO
AB>?), :>;8 ;>:0;V70FVO C@065==O, 28@065=VABL 01> ?>H8@5=VABL V=D5:FVW 7<>2;NNBL
4>FV;L=VABL ?5@>@0;L=>W B5@0?VW.
2. =VE>7.

@>B8?>:070==O.

V?5@GCB;82VABL 4> B5@1V=0DV=C 01> 4> 1C4L-O:8E 4>?>28= ;V:0@AL:>3> 70A>1C.

70T<>4VO 7 V=H8<8 ;V:0@AL:8<8 70A>10<8 B0 V=HV 2848 270T<>4V9.

?;82 V=H8E ;V:0@AL:8E 70A>1V2 =0 B5@1V=0DV=

;V@5=A B5@1V=0DV=C C ?;072V <>65 1CB8 ?V428I5=89 ;V:0@AL:8<8 70A>10<8, I> V=4C:CNBL
<5B01>;V7<, V <>65 1CB8 7=865=89 ;V:0@AL:8<8 70A>10<8, I> V=3V1CNBL F8B>E@< 450. # @07V
=5>1EV4=>ABV AC?CB=L>3> ;V:C20==O B0:8<8 ;V:0@AL:8<8 70A>10<8 4>7C20==O ;V:0@AL:>3>
70A>1C "5@1V=0DV=-=5>1EV4=> :>@83C20B8 2V4?>2V4=8< G8=>

V:0@AL:V 70A>18, I> <>6CBL 71V;LH8B8 2?;82 01> ?;07<>2V :>=F5=B@0FVW B5@1V=0DV=C
&8<5B848= 7=86CT ;V@5=A B5@1V=0DV=C =0 30 %.

\$.C:>=07>; 71V;LHCT ?>:07=8:8 C_{max} V AUC B5@1V=0DV=C =0 52 % V 69 % 2V4?>2V4=> C 7207:C 7
30;LAC20==V 7 B5@1V=0DV=>< ;V:0@AL:8E 70A>1V2, I> ?@83=VGCNBL CYP2C9 V CYP3A4, B0:8E
O: :5B>:>=07>; B0 040@>=.

V:0@AL:V 70A>18, I> <>6CBL 7<5=H8B8 2?;82 01> ?;07<>2V :>=F5=B@0FVW B5@1V=0DV=C
8D0

?;82 B5@1V=0DV=C =0 V=HV ;V:0@AL:V 70A>18

V4><>, I> B5@1V=0DV= <0T =57=0G=89 ?>B5=FV0; 4;O ?@83=VG5==O 01> ?>A8;5==O ;V@5=AC
;V:0@AL:8E 70A>1V2, O:V <5B01>;V7CNBLAO 7 CG0ABN A8AB5<8 F8B>E@>;0;1CB0 ?5@>@0;L=8E
:>=B@0F5?B82V2), 70 28=OB:<< B8E ;V:0@AL:8E 70A>1V2, I> <5B01>;V7CNBLAO 70 CG0ABN
CYP2D6.

"5@1V=0DV= =5 2?;820T =0 ;V@5=A 0=B8?V@8=C 01> 483>:A8=C.

>4=>3> 2?;82C B5@1V=0DV=C =0 D0@<0>:V=5B8:C D;C:>=07>;C =5 A?>AB5@V30;>AO. > B>3> 6 =5
A?>AB5@V30;>AO 6>4=>W ;V=VG=> 7=0GCI>W 270T<>4VW < B0 AC?CB=L> 70AB>A>2C20=8<8
;V:0@AL:8<8 70A>10<8 7 <>6;828< ?>B5=FV0;>< 270T<>4VW, B0:8<8 O: :-B@8<>:A07>; (B@8
<5B>?@8< V AC;LD0<5B>:A07>;), 784>2C48= 01> B5>DV;V=.

C;8 70@5TAB@>20=V 45O:V 28?04:8 ?>@CH5==O<5=AB@C0;L=>3> F8;;C (

V:0@AL:V 70A>18, 2?;82 01> ?;07<>2V :>=F5=B@0FVW O:8E <>65 ?V428I8B8 B5@1V=0DV=
"5@1V=0DV= 7<5=HCT ;V@5=A :>D5W=C, O:89 22>48BLAO 2=CB@VH=L>25==>, =0 21 %.

V4><>, I> B5@1V=0DV= ?@83=VGCT CYP2D6 >?>A5@54:>20=89 <5B01>;V718, I>
<5B01>;V7CNBLAO 7 CG0ABN CYP2D6, B0:V O: B@8F8;;VG=V 0=B845?@5A0=B8 (TCAs), 15B0-
1;>:0B>@8, A5;5:B82=V V=3V1VB>@8 72>@>B=L>3> 70E?>;5==O A5@>B>=V=C (SSRIs), 0=B80@8B
18 (2;;NG0NG8 ;0A 1, 1B0 1!) B0 V=3V1VB>@8 <>=>:A84078 (MAO-Is) B8?C B, C @07V, :>;8
;V:0@AL:89 70AV1, I> 70AB>A>2CTBLAO, <0T <0;89 4V0?07>= B5@0?52B8G=>W :>=F5=B@0FVW.

"5@1V=0DV= 7<5=HCT ;V@5=A 4578?@0

?0FVT=BV2, C O:8E ?@>F5A8 <5B01>;V7<5B>@D0=C (?@>B8:0H;L>2>3> ;V:0@AL:>3> 70A>1C V
<0@:5@=>3> AC1AB@0BC CYP2D6) ?@>E>48;8 H284:>, B5@1V=0DV= 71V;LHC202 :>5DVFVT=B
<5B01>;VG=>W 270T<>4VW 45:AB@<<5B>@D0=C/45:AB@>@D0=C 2 A5GV C A5@54=L>

V:0@AL:V 70A>18, 2?;82 01> ?;07<>2V :>=F5=B@0FVW O:8E <>65 7<5=H8B8 B5@1V=0DV=
"5@1V=0DV= 71V;LHCT ;V@5=A F8;;>A?>@8=C =0 15 %.

?0FVT=BV2, O:V >B@84=>G0A=> 7 20@D0@8=<<, @V4:> 1C;8 70@5TAB@>20=V 7:07=8:V2
V6=0@>4=>3> =>@<0;V7>20=>3> 2V4=>H5==O (INR) B0/01> ?@>B@><1V=>2>3> G0AC.

A>1;82>ABV 70AB>AC20==O.

\$C=:FVO ?5GV=:8

"5@1V=0DV=-5 @5:><5=4CTBLAO 70AB>A>2C20B8 ?0FVT=B0< 7 E@>=VG=8< 01> 0:B82=8<
70E2>@N20==O< ?5GV=:8. 5@54 ?@87=0G5==O<;V:0@AL:>3> 70A>1C =5>1EV4=> 2@0EC20B8 2AV
70E2>@N20==O ?5GV=:8, =0O2=V C ?0FVT=B0.

5?0B>B>:A8G=VABL<>65 7CAB@VG0B8AL C ?0FVT=BV2 7 ?>?5@54=V< 70E2>@N20==O< ?5GV=:8
B0 157 =L>3>, B><5=4CTBLAO ?5@V>48G=89 <=>VB>@8=3 DC=:FVW ?5GV=:8 (G5@57 4-6 B86=V2
;V:C20==O). 0AB>AC20==O ;V:0@AL:>3> 70A>1C "5@1V=0DV=-A;V4 =5309=> ?@8?8=8B8 C @07V
?V428I5==O 0:B82=>ABV ?>:07=8:V2 DC=:FV>=0;L=8E ?5GV=:>28E B5ABV2. # ?0FVT=BV2, O:V ?@89
<0;8 B5@1V=0DV=, 4C65 @V4:> 1C;8 70@5TAB@>20=V 28?04:8 A5@9>7=>W ?5GV=:>2>W
=54>AB0B=>ABV (45O:V 7 =8E <0;8 ;5B0;L=89 =0A;V4>: 01> 28<030;8 ?5@5A04:8 ?5GV=:8). #
1V;LH>ABV 28?04:V2 ?5GV=:>2>W =54>AB0B=>ABV ?0FVT=B8<0;8 A5@9>7=V >A=>2=V A8AB5<=V
70E2>@N20==O, 0 ?@8G8=>=-0A;V4:>289 72O7>: V7 70AB>AC20==O< B5@1V=0DV=C 1C2 AC
<=V2=8

0FVT=BV2, O:V ?@89<0NBL "5@1V=0DV=-, A;V4 ?>?5@548B8 ?@> B5, I> ?>B@V1=> =5309=> ?>2V4>
<8B8 ;V:0@O ?@> 1C4L-O:V >7=0:8 01> A8<8, I> 2:07CNBL =0 ?>@CH5==O DC=:FVW ?5GV=:8, B0:V
O: A25@1V6, ?>ABV9=0 =C4>B0=57OA>20=>W 5BV>;>3VW, 7=865==O 0?5B8BC, 0=>@5:AVO,
6>2BO=8FO, 1;N20==O, ?V428I5=0 2B><;N20=VABL, 1>;V C 25@E=V9 ?@02V9 G0AB8=V 682>B0, B5
<=89 :>;V@ A5GV 01> 7=510@2;5=V 28?>@>6=5==O. 0FVT=B8 7 B0:8<8 A8<0<8 ?>28==V ?@8?8=8B8
70AB>AC20==O B5@1V=0DV=C ?5@>@0;L=>, 0 DC=:FVN ?5GV=:8 ?0FVT=B0 ?>B@V1=> =5309=>
>FV=8B8.

>@CH5==O A<0:C

@8 70AB>AC20==V ;V:0@AL:>3> 70A>1C ?>2V4<;O;>AO ?@> ?>@CH5==O A<0:C B0 2B@0BC A
<0:C. &5 <>65 ?@8725AB8 4> ?>3V@H5==O 0?5B8BC, 2B@0B8 <0A8 BV;0, 70=5?>:>T==O B0
45?@5A82=8E A8 28=8:0NBL A8<8 ?>@CH5==O A<0:C, 70AB>AC20==O ;V:0@AL:>3> 70A>1C
=5>1EV4=> ?@8?8=8B8.

>@CH5==O =NEC

"0:>6 ?>2V4<;O;>AO ?@> ?>@CH5==O B0 2B@0BC =NEC. &V ?>@CH5==O <>6CBL 7=8:0B8 ?VA;O
?@8?8=5==O B5@0?VW, 0;5 B0:>6 <>6CBL 1CB8 ?>4>265=8<8 (1V;LH5 1 @>:C) 01> ?>ABV9=8<8. /:I>
A?>AB5@V30TBLAO ?>@CH5==O =NEC, ;V:C20==O ;V:0@AL:8< 70A>1<< A;V4 ?@8?8=8B8.

5?@5A82=V A8<8

@>B03<< ;V:C20==O ;V:0@AL:8< 70A>1<< <>6CBL 28=8:=CB8 45?@5A82=V A8<8, I> <>65
?>B@51C20B8 ;V:C20==O.

5@<0B>;>3VG=V 5D5:B8

C65 @V4:> ?>2V4<;O;>AO ?@> ?>O2C A5@9>7=8E @50:FV9 7 1>:C H:V@8 (=0?@8::04 A8=4@<
!BV25=A0-6>=A>=0, B>:A8G=89 5?V45@<0;L=89 =5:@>;V7) C ?0FVT=BV2, O:V >B@83@5ACNG8E
28A8?0=L =0 H:V@V ;V:C20==O ;V:0@AL:8< 70A>1<< "5@1V=0DV=-2 B01;5B:0E ?>B@V1=>
?@8?8=8B8.

"5@1V=0DV=-A;V4 70AB>A>2C20B8 7 >15@56=VABN ?0FVT=B0< V7 ?A>@V07<<, >A:V;L:8
=04E>48;8 ?>2V4<<;5==O ?@> 4C65 @V4:VA=V 28?04:8 703>AB@5==O ?A>@V07C.

5<0B>;>3VG=V 5D5:B8

C65 @V4:> ?>2V4<;O;>AO ?@> ?0B>;>3VG=V 7:C :@>2V (=59B@>?5=VO, 03@0=C;>F8B>7, B@>
<1>F8B>?5=VO, ?0=F8B>?5=VO) C ?0FVT=BV2, O:V >B@81EV4=> >FV=8B8 ?@8G8=C 28=8:=5==O
1C4L-O:>W ?0B>;>3VG=>W 7:C :@>2V C ?0FVT=BV2 V @>73;O=CB8 ?8B0==O I>4> <>6;82>W 7
>A;V465==O D0@<0>:V=5B8:8 @07>2>W 4>78 B5@1V=0DV=C C ?0FVT=BV2 V7 70E2>@N20==O<8
?5GV=:8 ?>:070;8, I> ;V@5=A ;V:0@AL:>3> 70A>1C C B0:8E ?0FVT=BV2 <>65 1CB8 A:>@>G5=89
?@81;87=> =0 50 %.

8@:>20 DC=:FVO

0AB>AC20==O ;V:0@AL:>3> 70A>1C "5@1V=0DV=-C B01;5B:0E ?0FVT=B0< 7 ?>@CH5==O<
DC=:FVW =8@>: (:;V@5=A :@50B8=V=C <5=H5 50 <;E2 01> @V25=L :@50B8=V=C 2 A8@>20BFV
:@>2V 1V;LH5 300 <5=4CTBLAO.

=H5

"5@1V=0DV=-A;V4 70AB>A>2C20B8 7 >15@56=VABN ?0FVT=B0< V7 G5@2>=8< 2>2G0:<>, >A:V;L:8 =04E>48;8 ?>2V4><;5==O ?@> 4C65 @V4:VA=V 28?04:8 703>AB@5==O G5@2>=>3> 2>2G0:0.

0AB>AC20==O C ?5@V>4 203VB=>ABV 01> 3>4C20==O 3@C44N.

;V=VG=89 4>A2V4 70AB>AC20==O B5@1V=0DV=C 203VB=8< 6V=:0< 4C65 >1<565=89, B>

"5@1V=0DV=-□ =5 A;V4 70AB>A>2C20B8 C ?5@V>4 203VB=>ABV, >:@V< 28?04:V2, >:;8 ;;V=VG=89 AB0= 6V=:8 28<030T ;V:C20==O ?5@>@0;L=8< B5@1V=0DV=>< B0 >GV:C20=0 :>@8ABL 4;O<0B5@V ?5@52060T 1C4L-O:89 ?>B5=V9=89 @878: 4;O ?;>40.

"5@1V=0DV= ?@>=8:0T C 3@C4=5 <>;>:, V B>4CNBL 3@C44N, =5 ?>28==V >B@8"5@1V=0DV=-□ .

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

0=8E ?@> 2?;82 ;V:0@AL:>3> 70A>1C "5@1V=0DV=-=0 740B=VABL :5@C20B8 02B>B@0=A?>@B< V ?@0FN20B8 7 <5E0=V7<0<8 =5<0T.0FVT=B0<, C O:8E 7O2;OTBLAO 70?0<>@>G5==O O: =51060=89 5D5:B 2V4 70AB>AC20==O ;V:0@AL:>3> 70A>1C, A;V4 C=8:0B8 :5@C20==O B@0=A?>@B<8<8 70A>10 <8 B0 @>1>B8 7 <5E0=V7<0<8.

!>AV1 70AB>AC20==O B0 4>78.

V:0@AL:89 70AV1 ?@87=0G5=89 4;O ?5@>@0;L=>3> 70AB>AC20==O.

>@>A;8< ?@87=0G0NBL ?> 1 B01;5BFV 250 <3 1 @07 =0 4>1C.

"@820;VABL ;V:C20==O 70;568BL 2V4 E0@0:B5@C V BO6:>ABV ?5@51V3C 70E2>@N20==O. =D5:FVW H:V@8

5:><5=4>20=0 B@820;VABL ;V:C20==O:

- 45@<0B>DVBVO AB>? (H>2=0/B8?C «<>:0A8=8») 2-6 B86=V2;
- B@8E>DVBVO 3;04:>W H:V@8 4 B86=V;
- B@8E>DVBVO ?@><568=8 2V4 2 4> 4 B86=V2.

>2=5 7=8:=5==O A8

=D5:FVW 2>;>A8AB>W G0AB8=8 3>;>28

5:><5=4>20=0 B@820;VABL ;V:C20==O ?@8 3@81:>2>;>A8AB>W G0AB8=8 3>;>28 4 B86=V.

@81:>25 C@065==O 2>;>A8AB>W G0AB8=8 3>;>28 A?>AB5@V30TBLAO ?5@5206=> C 4VB59. =VE>7

"@820;VABL ;V:C20==O 4;O 1V;LH>ABV ?0FVT=V2 2V4 6 B86=V2 4> 348 ;V:C20==O B@820;VABN <5=H5 3 G0 4;O 45O:8E ?0FVT=V2 <>65 1CB8 =5>1EV4=8< ;V:C20==O B@820;VABN 6 4>2H5.

0FVT=V2, O:8< =5>1EV4=5 1V;LH B@820;5 ;V:C20==O, 287=0G0NBL 70 7=865=>N H284:VABN @>ABC =V3BV2 ?@>BO3<< ?5@H8E B86=V2 ;V:C20==O.

>2=5 7=8:=5==O A8<>65 =0AB0B8 ;8H5 G5@57 45:V;L:0 B86=V2 ?VA;O 28O2;5==O 2V4ACB=>ABV 71C4=8:V2 70 4>?><>3>N ;01>@0B>@=>3> :=B@>;N.

A>1;82V 3@C?8 ?0FVT=V2

0FVT=B8 7 ?>@CH5==O< DC=:FVW ?5GV=:8

V:0@AL:89 70AV1 "5@1V=0DV=-C B01;5B:0E =5 @5:><5=4CTBLAO 70AB>A>2C20B8 ?0FVT=B0< V7 E@>=VG=8< 01> 0:B82=8< 70E2>@N20==O< ?5GV=:8.

0FVT=B8 7 ?>@CH5==O< DC=:FVW =8@>:

0AB>AC20==O ;V:0@AL:>3> 70A>1C "5@1V=0DV=- C B01;5B:0E ?0FVT=B0< 7 ?>@CH5==O< DC=:FVW =8@>: =5 1C;> =0;56=8< G8=>< 282G5=> V B><5=4CTBLAO FV9 3@C?V ?0FVT=V2.

VB8

AB0=>2;5=>, I> ?@>DV;L =51060=8E O28I ?@8 70AB>AC20==V B5@1V=0DV=C C 4VB59 ?>4V1=89 4> B0:>3> C 4>@>A;8E. >:07V2 ?>O28 1C4L-O:8E =>28E, =5728G=8E 01> 1V;LH A5@9>7=8E @50:FV9,

=V6 BV, O:V 1C;8 2V47=0G5=V A5@54 4>@>A;8E ?0FVT=V2, =5<0T. 040=89 G0A V=D>@<0FVO I>4> 70AB>AC20==O B5@1V=0DV=C 4VBO<>1<565=0, B>AC20==O ;V:0@AL:>3> 70A>1C =5 @5:>

<5=4CTBLAO FV9 2V:>2V9 :0B53>@VW ?0FVT=V2.

0FVT=B8 ;VB=L>3> 2V:C

>:07V2 B>3>, I> 4;O ?0FVT=V2 ;VB=L>3> 2V:C =5>1EV4=> 77C ;V:0@AL:>3> 70A>1C 01> I> C =8E 2V47=0G0NBLAO ?>1VG=V @50:FVW, O:V 2V4@V7=ONBLAO 2V4 B0:8E C ?0FVT=V2 <>;>4H>3>

2V:C, =5<0T. # FV9 2V:>2V9 3@C?V ?@8 70AB>AC20==V ;V:0@AL:>3> 70A>1C A;V4 27OB8 4> C2038 <>6;82VABL ?>@CH5==O DC=:FVW ?5GV=:8 01> =8@>:.

VB8.

0=V I>4> 70AB>AC20==O ;V:0@AL:>3> 70A>1C 4VBO<>1<565=V, B>3> 70AB>AC20==O =5 @5:>
<5=4CTBLAO FV9 2V:>2V9 :0B53>@VW ?0FVT=BV2.

5@54>7C20==O.

V4>7C20==O (70AB>AC20==O 2=CB@VH=L> 4> 5 3 B5@1V=0DV=C).

!8<8: 3>;>2=89 1V;L, =C4>B0, 1V;L 2 5?V30AB@VW, 70?0<>@>G5==O.

V:C20==O: 282545==O ;V:0@AL:>3> 70A>1C, 2 ?5@HC G5@3C 70 4>?<>3>N 0:B82>20=>3> 2C3V;;O
B0 C @07V =5>1EV4=>ABV 70AB>AC20==O A8<0B8G=>W ?V4B@8W B5@0?VW.

>1VG=V @50:FVW.

>1VG=V @50:FVW 70728G09 A;01:> V ?>28@065=V B0 <0NBL A:>@<8=CI89 E0@0:B5@.

I>:C :@>2V B0 ;VW A8AB5<8: =59B@>?5=VO, 03@0=C;>F8B>7, B@><1>F8B>?5=VO; 0=5?5=VO.

I>:C VW A8AB5<8: 0=0DV;0:B>W4=V @50:FVW (C B>20B:>2>W E2>@>18.

I>:C <5B01>;V7E0@GC20==O: 7=865==O 0?5B8BC.

I>:C ?A8EV:8: B@82>6=VABL B0 45?@5A82=V A8<8, 2B>@8==V 4> @>7;04V2 A<0:C.

I>:C =5@2>2>W A8AB5<8: 3>;>2=89 1V;L; ?0@5AB57VO, 3V?5AB57VO, 70?0<>@>G5==O; 0=>A
ABV9=C 0=>AA@CH5==O 2V4GCBBO A<0:C, C B>

I>:C >@30=V2 7>@C: 70BC<0=5==O 7>@C, 7=865==O 3>AB@>B8 7>@C.

I>:C >@30=V2 A;CEC B0 @V2=>2038: 25@B83>; BC3>2CEVABL, ?>@CH5==O A;CEC, HC< C 2CE0E.

I>:C A5@F52>-AC48==>W A8AB5<8: 20A:C;VB.

I>:C H;C=:>2>-.8H:>2>3> B@0:BC: H;C=:>2>-.8H:>2V A8<8 (2V4GCBBO ?5@5?>2=5==O H;C=:0,
48A?5?AVO, =C4>B0, 1V;L C 4V;O=FV 682>B0, 4V0@5O); ?0=:@50B8B.

I>:C ?5GV=:8 B0 6>2G>282V4=8E H;OEV2: 28?04:8 A5@9>7=8E ?>@CH5=L DC=:FVW ?5GV=:8, C B>
20 =54>AB0B=VABL, ?V428I5==O @V2=O D5@<5=BV2 ?5GV=:8, 6>2BO=8FO, E>;5AB07 V 35?0B8B.

!I> @>72820TBLAO ?>@CH5==O DC=:FVW ?5GV=:8, ;V:C20==O ;V:0@AL:8< 70A>1<< "5@1V=0DV=-
=5>1EV4=> ?@8?8=8B8. C65 @V4:> =04E>48;8 ?>2V4<>;5==O ?@> A5@9>7=C ?5GV=:>2C
=54>AB0B=VABL (45O:V 28?04:8 7 ;5B0;L=8< =0A;V4:<< 01> 28?04:8, I> 28<030;8 ?5@5A04:8 ?5GV=:8).
1V;LH>ABV 28?04:V2 ?5GV=:>2>W =54>AB0B=>ABV ?0FVT=B8 <0;8 A5@9>7=V >A=>2=V A8AB5
<=V 70E2>@N20==O, 0 ?@8G8==>=0A;V4:>289 72O7>: 7 70AB>AC20==O< B5@1V=0DV=C 1C2 AC
<=V2=8

I>:C H:V@8 B0 ?V4H:V@=>W ;;VB:>28=8: =5B06:V D>@<8 @50:FVW H:V@8 (28A8?0==O,
:@>?82O=:0); ?A>@V07>?>4V1=V 28A8?0==O 01> 703>AB@5==O ?A>@V07C; 5>78=>DV;VO,
5:AD>;V0B82=89 B0 1C;L>7=89 45@<0B8B; A5@9>7=V H:V@=V @50:FVW (=0?@8::04 3>AB@89
35=5@0;V7>20=89 5:70=B5<0B>7=89 ?CABC;L>7, @<=0 5@8B5<0, A8=4@< !BV25=A0-6>=A>=0,
B>:A8G=89 5?V45@<0;L=89 =5:@>;V7); D>B>GCB;82VABL (=0?@8::04 D>B>45@<0B>7, @50:FVO
D>B>A5=A81V;V70FVW B0 ?>;V<>@D=89 D>B>45@<0B>7); 0;>?5FVO. V:C20==O ;V:0@AL:8< 70A>1>
< "5@1V=0DV=-=5>1EV4=> ?@8?8=8B8, O:I> =0 H:V@V A?>AB5@V30NBLAO 28A8?0==O
?@>3@5ACNG>3> E0@0:B5@C.

I>:C A:5;5B=>-<O7>2>W A8AB5<8 B0 A?>;CG=>W B:0=8=8: @50:FVW 7 1>:C A:5;5B=>-<O7>2>W
A8AB5<8 (0@B@0;3VO, ;V7.

030;L=V @>7;048: =574C60==O; 2B<;N20=VABL; 3@8?>?>4V1=V 70E2>@N20==O, ?V@5:AVO.

57C;LB0B8 ;01>@0B>@=8E 4>A;V465=L: ?V428I5==O @V2=O :@50B8=D>AD>:V=078 :@>2V; 7B@>
<1V=>2>3> G0AC (?>4>265==O, A:>@>G5==O) C ?0FVT=BV2, O:V >4=>G0A=> ?@89<0;8 20@D0@8=.

"5@ABV.4 @>:8.

#<>28 715@V30==O.

15@V30B8 2 >@83V=0;L=V9 C?0:>2FV ?@8 B5

15@V30B8 C =54>ABC?=>

#?0:>2:0.> 7 B01;5B>: C 1;VAB5@V; ?> 2 1;VAB5@8 C ?0GFV.

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

8@>1=8:. " «8W2AL:89 2VB04».

VAF57=0E>465==O 28@>1=8:0 B0 9>3> 04@5A020465==O 4VO;L=>ABV.

04073, #:@0W=0, ?8;V2AL:0, 38.

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