

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

§  
(NEOPHYLLINE)

!;04:

4VNG0 @5G>28=0: theophylline;  
1 B01;5B:0 DV;V=C 100 <3 01> 300 <3;  
4>?>28=8: ;0:B>70 <=>3V4@0B, 0<=>V9=>.<5B0:@8;0B=>3> A>?>;V<5@C 48A?5@AVO,  
<5B0:@8;0B=>3> A>?>;V<5@C 48A?5@AVO,<03=VN AB50@0B, B0;L:.

V:0@AL:0 D>@<0. "01;5B:8 ?@>;>=3>20=>W 4VW.  
A=>2=V DV78:>-EVABV:  
B01;5B:8 100 <3 1V;>3> :>;L>@C, ?>A:>F8;V=4@8G=>W D>@<8, 7 D0A:>N;  
B01;5B:8 300 <3 1V;>3> :>;L>@C, ?>A:>F8;V=4@8G=>W D>@<8, 7 D0A:>N V @8A:>N.

\$0@<0:>B5@0?52B8G=0 3@C?0. 0A>18 4;O A8AB5<=>3> 70AB>AC20==O ?@8 >1AB@C:B82=8E  
70E2>@N20==OE 48E0;L=8E H;OEV2. A0=B8=8. "5>DV;V=. >4 "% R03D A04.

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

\$0@<0:>48=0  
"5>DV;V=1@>=E>;VB8G=89 70AV1 3@C?8<5B8;;A0=B8=V2. 5E0=V7< 4VW 7C<>2;5=89 ?5@5206=>  
1;>:C20==O< 045=>78=>28E @5F5?B>@V2, ?@83=VG5==O< D>AD>4V5AB5@07, ?V428I5==O< 2  
::VB8==>3> F\$, 7=865==O< 2=CB@VH=L>;:VB8==>W :=F5=B@0FVW V>=V2 :0;LFVN, C=0A;V4>:  
G>3> @>7A;01;NTBLAO 3;045=L:0 =EV2, H;C=>2>:-:8H:>2>3> B@0:BC, 6>2G>282V4=8E H;OEV2,  
<0B:8, :=@>=0@=8E, F5@51@0;L=8E V ;535=528E AC48=, 7<5=HCTBLAO ?5@8D5@8G=89 AC48==89  
>?V@; ?V428ICTBLAO B>=CA 48E0;L=>W <1>F8BV2 (?@83=VGCNG8 D0:B>@ 0:B820FVW B@>  
<1>F8BV2 V ?@>AB03;0=48= F2a), =>@<0;V7CT F8@:C;OFVN; 28O2;OT ?@>B80;5@3VG=89 5D5:B,  
?@83=VGCNG8 453@0=C;OFVN >?0A8AB8E ;:VB8= V 7=86CNG8 @V25=L <54V0B>@V2 0;5@3VW  
(A5@>B>=V=C, 3VAB0B@VT=V2); ?>A8;NT =8@:>289 :@>2>BV.; ?@>O2;OT 4VC@5B8G=C 4VN, 7C  
<2;5=C 7=865==O< :0=0;LF52>W @501A>@1FVW, 71V;LHCT 282545==O 2>48, V>=V2 E;>@C,  
=0B@VN.

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

@8 ?@89> B5>DV;V= ?>2=VABN 2A<>:BCTBLAO C H;C=>2>:-:8H:>2>4>ABC?=VABL AB0=>28BL  
?@81;87=> 90 %. @8 ?@89>DV;V=C C 283;04V B01;5B>: ?@>;>=3>20=>W 4VW<0:A8<0;L=0  
:=F5=B@0FVO 4>AO30TBLAO G5@57 6 3>48=. 2O7C20==O 7 1V;:0<8 ?;07<8 :@>2V AB0=>28BL: C  
74>@>28E 4>@>A;8E ?@81;87=> 60 %, C E2>@8E =0 F8@>7 ?5GV=:8 35 %. @>=8:0T :@V7L  
3VAB>35<0B8G=V 10@T@8, @>7?>4V;ONG8AL C B:0=8=0E. @81;87=> 90 % B5>DV;V=C  
<5B01>;V7CTBLAO C ?5GV=FV 7 CG0ABN :V;L:>E V7>D5@<5=BV2 F8B>E@> =50:B82=8E  
<5B01>;VBV2 1,3-48<5B8;A5G>2>W :8A;>B8, 1-<5B8;A5G>2>W :8A;>B8 B0 3-  
<5B8;;A0=B8=C. :A:@5BCTBLAO 2 >A=>2=>48BLAO C 4>@>A;8E 4> 13 %, C 4VB59 4> 50 %  
?@5?0@0BC. '0AB:>2> ?@>=8:0T C 3@C4=5 <>;>:. 5@V>4 =0?V2282545==O B5>DV;V=C 70;568BL  
2V4 2V:C B0 =0O2=>ABV AC?CB=VE 70E2>@N20=L V AB0=>28BL: C 4>@>A;8E ?0FVT=BV2, E2>@8E  
=0 1@>=EV0;L=C 0AB48=; C 4VB59 2V:× 2V4 6 48=8; 2 >AV1, O:V ?0;OBL 4-5 3>48=; 2 >AV1 ;VB=L>3>  
2V:C V ?@8 A5@F52V9 =54>AB0B=>ABV, ?>@CH5==V DC=:FVW ?5GV=:8, =01@O:C ;535=V2,  
E@>=VG=8E >1AB@C:B82=8E E2>@>10E ;535=V2 V 1@>=EVBV ?>=04 24 3>48=8, I> ?>B@51CT  
2V4?>2V4=>W :=@5:FVW V=B5@20;C  
"5@0?52B8G=V :=F5=B@0FVW B5>DV;V=C 2 :@>2V AB0=>2;OBL: 4;O 4>AO3=5==O  
1@>=E>;VB8G=>3> 5D5:BC 10-20

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

>:070==O.

□ @>=EV0;L=0 0AB<0.

- %@>=VG=V >1AB@C:B82=V 70E2>@N20==O ;535=L (E@>=VG=89 >1AB@C:B82=89 1@>=EVB, 5
- 535=520 3V?5@B5=7VO.
- !8=4@>< F5=B@0;L=>3> =VG=>3> 0?=>5.

@>B8?>:070==O.

V428I5=0 V=482V4C0;L=0 GCB;82VABL 4> :>5=BV2 ?@5?0@0BC, 0 B0:>6 4> V=H8E ?>EV4=8E :A0=B8=C (:>D5W=, ?5=B>:A8DV;V=, B5>1@>AB@0 A5@F520 =54>AB0B=VABL, AB5=>:0@4VO, 3>AB@89 V=D0@:B :0@40, ?0@>:A87<0;L=0 B0EV:0@4VO, 5:AB@0A8AB>;VO, BO6:0 0@B5@V0;L=0 3V?5@- B0 3V?>B5=7VO, @>?>2AN465=89 0B5@>A:;5@>7 AC48=, =01@O: ;535=V2, 35<>@03VG=89 V=AC;LB, :@>2>28;82 C AVB:V2:C >:0, :@>2>B5G0 2 0=0<=57V, 28@07:>20 E2>@>10 H;C=:C B0 420=04FOB8?0;>W :8H:8 (C AB04VW 703>AB@5==O), 30AB@>57>D0350;L=89 @5D;N:A, 5?V;5?AVO, ?V428I5=0 AC4<=0 3>B>2=VABL, =5:>=B@>;L>20=89 3V?>B8@5>7, 3V?5@B8@5>7, B8@5>B>:A8:>7, ?>@CH5==O DC=:FV9 ?5GV=:8 B0/01> =8@>;, ?>@DV@VO, A5?A8A, 70AB>AC20==O 4VBO< >4=>G0A=> 7 5D54@8=>

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

@5?0@0B8, I> ?V428ICNBL ;:V@5=A B5>DV;V=C:03;NB5B8B85?V;5?B8G=V 70A>18 (=0?@8:;04, D5=VB>W=, :0@10<075?V=, ?@8=), <03=VN 3V4@>:A84, <>@0F878=, @8D0=02V@, AC;LDV=?V@07>=, 10@1VBC@0B8 (>A>1;82> D5=>10@1VB0; V ?5=B>10@1VB0;). D5:B B5>DV;V=C <>65 1CB8 <5=H8< B0:>6 C :C@FV2. # ?0FVT=BV2, O:V >4=>G0A=> 7 B5>DV;V=< ?@89<0NBL >48= 01> :V;L:0 V7 707=0G5=8E 28I5 ?@5?0@0BV2, ?>B@V1=> :>=B@>;N20B8 :>=F5=B@0FVN B5>DV;V=C 2 A8@>20BFV :@>2V V :>@83C20B8 4>7C, O:I> F5 =5>1EV4=>.

@5?0@0B8, I> 7=86CNBL ;:V@5=A B5>DV;V=C:0;>?C@8=>;, 0F8:;>2V@, :0@1V<07>;, D5=V;1CB07>=, D;C2>:A0:A8DV;V=, 48AC;LDV@0<, V=B5@D5@>=, =V70B848=, 0=B03>=VAB8 :0;L:FN (25@0?0 40@>=, ?0@0F5B0<>;, ?@>15=5F84, @0=VB848=, B0:@8=, ?@>?0D5=>=, ?@>?0=>;, >:A?5=B8DV;V=, V7>=V0784, ;V=:>?V48=, BV015=407>;, 2V;>:A078=C 3V4@>E;>@84, ?5@>@0;L=V :>=B@0F5?B828, 20:F8=0 ?@>B8 3@8?C. ;O ?0FVT=BV2, O:V ?0@0;5;L=> 7 B5>DV;V=< ?@89<0NBL >48= 01> :V;L:0 V7 707=0G5=8E 28I5 ?@5?0@0BV2, A;V4 :>=B@>;N20B8 :>=F5=B@0FVN B5>DV;V=C 2 A8@>20BFV :@>2V V 7<5=H8B8 4>7C, O:I> F5 =5>1EV4=>.

!;V4 C=8:0B8 >4=>G0A=>3> 70AB>AC20==O B5>DV;V=C V7 ?@5?0@0B0<8 @>A;8==>3> ?>E>465==O, I> 1V9 (*Hypericum perforatum*).

!CAC20==O B5>DV;V=C B0 D5=VB>W=C <>65 A?@8G8=8B8 7=865==O @V2=O >AB0==L>3>. D54@8= ?>A8;NT 4VN B5>DV;V=C.

!;V4 C=8:0B8 :<1V=0FVW B5>DV;V=C V D;C2>:A0

>A>1;82>N >15@56=VABN A;V4 70AB>A>2C20B8 :<1V=0FVW B5>DV;V=C V 15=7>4V075?V=C, 30;>B0=C V ;>7 30;>B0=<< <>65 A?@8G8=8B8 A5@9>7=V ?>@CH5==O A5@F52>3> @8B

!;V4 C=8:0B8 >4=>G0A=>3> 70AB>AC20==O B5>DV;V=C V 25;8:>W :V;L:>ABV W6V B0 =0?>W2, I> EV4=V :A0=B8=C (:>D5W=, B5>1@>:A8DV;V=), α V β-04@5=5@3VG=V 03>=VAB8 (A5;5:B82=V V =5A5;5:B82=V), 3;N:03>=, 72060NG8 =0 ?>B5=FN20==O 5D5:BV2 B5>DV;V=C.

!CAC20==O B5>DV;V=C 7 β-04@5=>1;>:0B>@0<8 <>65 0=B03>=V7C20B8 9>3> 1@>=E>48;0BCNGC 4VN; 7 :5B0<, EV=>;>=0<8 7=86CT AC4<=89 ?>@V3; 7 045=>78=<<; ;VBVN :0@1>=0B<< V 0=B03>=VAB0<8 β-@5F5?B>@V2 7=86CTBLAO 5D5:B82=VABL >AB0==VE; 74>:A0?@0<<< <>65 A?@8G8=8B8 AB8W =5@2>2>W A8AB5<8.

"5>DV;V=<>65 ?>A8;N20B8 5D5:B 4VC@5B8:V2 B0 @575@?V=C.

>B@V1=> C=8:0B8 ?0@0;5;L=>3> 70AB>AC20==O B5>DV;V=C B0 0=B03>=VABV2 β-@5F5?B>@V2, >A:V;L:8 B5>DV;V=<>65 2B@0B8B8 A2>N 5D5:B82=VABL.

A=CNBL AC?5@5G;82V 4>:078 ?>B5=FN20==O 5D5:BV2 B5>DV;V=C ?@8 3@8?>7=8E AB0=0E. A0=B8=8 <>6CBL ?>B5=FN20B8 3V?>:0;VT β-04@5=>@5F5?B>@V2, AB5@>W40<8, 4VC@5B8:0<8 V 3V?>:AVTN. &5 AB>ACTBLAO 3>A?VB0;V7>20=8E ?0FVT=BV2 7 BO6:>N 0AB<>N B0 28=8:0T =5>1EV4=VABL :>=B@>;N20B8 @V2=V :0;VN 2 A8@>20BFV :@>2V.

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

"5>DV;V= A;V4 7 >15@56=VABN ?@87=0G0B8 BV;L:8 C @07V 3>AB@>W ?>B@518 ?@8  
=5AB01V;L=V9 AB5=>:0@4VW, 70E2>@N20==OE A5@FO, ?@8 O:8E<>65 A?>AB5@V30B8AO  
B0EV0@8BDVG=V9 >1AB@C:B82=V9 :0@4V>?0BVW, ?>@CH5==OE DC=:FV9 =8@>: B0 ?5GV=:8,  
?0FVT=B0< 7 28@07:>2>N E2>@>1>N 2 0=0<=57V V ?0FVT=B0< 2V:< 2V4 60 @>:V2.  
0AB>AC20==O B5>DV;V=C ?@8 28@065=>A::5@>7V AC48=, A5?A8AV<>6;825 7 >15@56=VABN, ?V4  
=03;O4<< ;V:0@O, ?@8 =002=>ABV ?>:070=L 4> 70AB>AC20==O B5>DV;V=C. 1<565==O I>4>  
70AB>AC20==O B5>DV;V=C ?@8 30AB@>57>D0350;L=>2O70=5 7 2?;82<< =0 3;045=L:V <O78  
:0@4V>57>D0350;L=>3> ADV=:B5@0, I> <>65 ?>3V@H8B8 AB0= ?0FVT=B0 ?@8  
30AB@>57>D0350;L=>A8;NNG8 @5D;N:A.

"NBN=>?0;V==O B0 26820==O 0;:>3>;N <>6CBL ?@8725AB8 4> ?V428I5==O ;;V@5=AC B5>DV;V=C V  
2V4?>2V4=> 4> 7<5=H5==O 9>3> B5@0?52B8G=>3> 5D5:BC V =5>1EV4=>ABV 70AB>AC20==O 1V;LH  
28A>:8E 4>7.

V4 G0A ;V:C20==O B5>DV;V=< =5>1EV4=> 74V9A=N20B8 C206=5 A?>AB5@565==O B0 7<5=H8B8  
4>7C ?@8 ;V:C20==V ?0FVT=V7 A5@F52>N =54>AB0B=VABN, E@>=VG=8< 0;:>3>;V7<<,&br/>?>@CH5==O<8 DC=:FV9 ?5GV=:8 (>A>1;82> ?@8 F8@>7V), 7V 7=865=>N :>=F5=B@0FVTN :8A=N 2  
:@>2V (3V?>:A5N B5N BV;0, E2>@8< =0 ?=52<<=VN 01> 7 2V@CA=8<8 V=D5:FVO<8 (>A>1;82> =0  
3@8?) G5@57 <>6;825 7=865==O ;;V@5=AC B5>DV;V=C. 4=>G0A=> =5>1EV4=> :>=B@>;N20B8  
@V2=V B5>DV;V=C C ?;072V, I> ?5@528ICNBL =>@  
5>1EV4=5 74V9A=5==O A?>AB5@565==O ?@8 ;V:C20==V B5>DV;V=< ?0FVT=V7 A5@F52>N  
0@8BN 3V?5@B5=7VTN, V=H8<8 :0@4V>20A:C;O@=8<8 70E2>@N20==O<8, 3>AB@8<8 D51@8;L=8  
<8 AB0=0<8.

0FVT=B0< V7 AC4<<=8<8 AB0=0<8 2 0=0<=57V A;V4 C=8:0B8 70AB>AC20==O B5>DV;V=C V  
70AB>A>2C20B8 0;LB5@=0B82=5 ;V:C20==O.

V428I5=>W C2038 28<030T 70AB>AC20==O ?@5?0@0BC ?0FVT=B0<, O:V AB@0640NBL 157A>==O<,  
0 B0:>6 G>;>2V:0< ;VB=L>3> 2V:C 7 ?>?5@54=V< 71V;LH5==O< ?5@542>W 70;78 2 0=0<=57V G5@57  
@878: 70B@8

# @07V =5>1EV4=>ABV 70AB>AC20==O 0DV;V=C (B5>DV;V=-5B8;5=4V0 70AB>A>2C20;8 B5>DV;V=  
=5>1EV4=> 7=>2C <<=VB>@8B8 @V2=V B5>DV;V=C C ?;072V.

2060NG8 =0 =5<>6;82VABL 30@0=BC20B8 1V>5:2V20;5=B=VABL:@5<8<8 ?@5?0@0B0<8, I> DV;V= 7  
?@>;>=3>20=8< 282V;L=5==O<, ?5@5EV4 2V4 B5@0?VW ?@5?0@0B<< 5>DV;V=, B01;5B:8 7  
?@>;>=3>20=8< 282V;L=5==O<, 4> V=H>3> ?@5?0@0BC 3@C?8 :A0=B8=V2 7 ?@>;>=3>20=8<  
282V;L=5==O< =5>1EV4=> 74V9A=N20B8 70 4>?><>3>N ?>2B>@=>3> B8B@C20==O 4>78 B0 ?VA;O  
;;V=VG=>W >FV=:8.

"5>DV;V=<>65 7@0B>@=V ?>:07=8:8: 71V;LHC20B8 :V;L:VABL 68@=8E :8A;>B B0 @V25=L :0B5E>;0  
@07V @>728B:C ?>1VG=8E @50:FV9 =5>1EV4=> :>=B@>;N20B8 @V25=L B5>DV;V=C 2 :@>2V.  
@5?0@0B 7C, B>3> =5 A;V4 70AB>A>2C20B8 ?0FVT=B0< V7 @V4:VA=8<8 A?04:>28<8 D>@<0<8  
=5?5@5=>A8<>ABV 30;0:B>78, =54>AB0B=VABN ;0:B078 01> A8=4@<<< 3;N:>7>-30;0:B>7=>W  
<0;L01A>@1FVW.

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

"5>DV;V= ?@>=8:0T :@V7L ?;0F5=BC V C 3@C4=5<>;>:. 0AB>AC20==O ?@5?0@0BC 2 ?5@V>4  
203VB=>ABV <>6;825 BV;L:8 C 28?04:C, :>;8 >GV:C20=0 :>@8ABL 4;O<0B5@V ?5@528ICT  
?>B5=FV9=89 @878: 4;O ?;>40. # 203VB=8E ?>B@V1=> G0ABVH5 287=0G0B8 :>=F5=B@0FVN  
B5>DV;V=C 2 A8@>20BFV :@>2V V 2V4?>2V4=8< G8=>< :>@83C20B8 4>7C. !;V4 C=8:0B8  
70AB>AC20==O B5>DV;V=C =0?@8:V=FV ?5@V>4C 203VB=>ABV, B>2V= <>65 ?@83=VGC20B8  
A:>@>G5==O <0B:8, A?@8G8=8B8 B0EV:0@4VN C ?;>40.  
@8 =5>1EV4=>ABV 70AB>AC20==O ?@5?0@0BC 3@C4=5 3>4C20==O @5:><5=4CTBLAO ?@8?8=8B8.

**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.**

@0E>2CNG8, I> 2 GCB;828E E2>@8E ?@8 70AB>AC20==V ?@5?0@0BC <>6CBL 28=8:=CB8 ?>1VG=V  
@50:FVW (70?0<>@>G5==O), =0 G0A ?@89>

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

@5?0@0B ?@89<0B8 2=CB@VH=L> 70 30-60 E28;8= 4> W48 01> G5@57 2 3>48=8 ?VA;O W48, 70?820NG8 4>AB0B=L>N :V;L:VABN @V48=8. "01;5B:C 300<3 <6=0 @>74V;8B8 =02?V; (B01;5B:8 ?> 100 <3 =5 4V;8B8), 0;5 =5 <6=0 ?>4@V1=N20B8, @>76>2C20B8 01> @>7G8=OB8 C 2>4V. # 45O:8E 28?04:0E, 4;O 7<5=H5==O ?>4@07=N20;L=>3> 2?;82C =0 A;87>2C >1>;>=:C H;C=:0, ?@5?0@0B ?>B@V1=> ?@89<0B8 ?V4 G0A 01> >4@07C ?VA;O ?@89> 568< 4>7C20==O 2AB0=>2;NTBLAO V=482V4C0;L=>, 70;56=> 2V4 2V:C, <0A8 BV;0 ?0FVT=B0 B0 >A>1;82>AB59 <5B01>;V7 >G0B:>20 4>1>20 4>70 4;O 4>@>A:8E B0 4VB59 2V:< 2V4 12 @>:V2 7 <0A>N BV;0 1V;LH5 45 :3 AB0=>28BL 300 <3 (1 B01;5B:0 ?> 300 <3 1 @07 =0 4>1C 01> 3 B01;5B:8 ?> 100 <3 1 @07 =0 4>1C). '5@57 3 4=V ?@89>1>2C 4>7C ?V428I8B8 4> 450 <3 (1½B01;5B:8 ?> 300 <3), I5 G5@57 3 4=V ;V:C20==O, ?@8 =5>1EV4=>ABV, 4>1>2C 4>7C <6=0 ?V428I8B8 4> 600 <3 (?> 1 B01;5BFV ?> 300 <3 2 @078 =0 4>1C 01> 3 B01;5B:8 ?> 100 <3 2 @078 =0 4>1C). V428I5==O 4>7 <6;825 BV;L:8 70 C<>28 4>1@>W ?5@5=>A8<>ABV. VBO< 2V:< 2V4 6 4> 12 @>:V2 7 <0A>N BV;0 20-45 :3 4>1>20 4>70 AB0=>28BL 150 <3 (½B01;5B:8 ?> 300 <3 1 @07 =0 4>1C). '5@57 3 4=V ?@89>1>2C 4>7C ?V428I8B8 4> 300 <3 (?> ½B01;5B:8 ?> 300 <3 2 @078 =0 4>1C), I5 G5@57 3 4=V ;V:C20==O 4>1>2C 4>7C <6=0 71V;LH8B8 4> 450-600 <3 (?> 1½ B01;5B:8 ?> 300 <3 1 @07 =0 4>1C 01> ?> 1 B01;5BFV ?> 300 <3 2 @078 =0 4>1C 01> ?> 3 B01;5B:8 ?> 100 <3 2 @078 =0 4>1C). 0FVT=B0< V7 A8=4@><< F5=B@0;L=>3> =VG=>3> 0?=>5 <6=0 ?@89<0B8 @07>2C 4>7C ?@5?0@0BC =0 =VG. >40;LH5 ?V428I5==O 4>7 @5:><5=4CTBLAO ?@>2>48B8 =0 ?V4AB02V 287=0G5==O :>=F5=B@0FVW B5>DV;V=C 2 A8@>20BFV :@>2V. ;O ?0FVT=BV2, O:V ?0;OBL, 4>1>2C 4>7C <6=0 ?>ABC?>2> 71V;LH8B8 4> 900-1050 <3 (3-3½B01;5B:8 ?> 300 <3).

**VB8.**

@5?0@0B =5 70AB>A>2C20B8 4VBO< 2V:< 4> 6 @>:V2 7 <0A>N BV;0 <5=H5 20 :3. 5@54>7C20==O. 5@54>7C20==O A?>AB5@V30TBLAO, O:I> :>=F5=B@0FVO B5>DV;V=C 2 A8@>20BFV :@>2V ?5@528ICT 20 <3/<; (110. /8<8: BO6:V A8<8 <6CBL @>728=CB8AO G5@57 12 3>48= ?VA;O ?5@54>7C20==O ;V:0@AL:8E D>@< 7 ?@>;>3>20=8< 282V;L=5==O "02=89 B@0:B: =C4>B0, 1;N20==O (G0AB> BO6:V D>@<8), 1>;V 2 5?V30AB@VW, 4V0@50, 35<0B5 <578A, ?0=:@50B8B. ?L=0 =5@2>20 A8AB5<0: <0@5==O, 71C465==O, 70=5?>:>T==O, 45<5=FVO, B>:A8G=89 ?A8E>7, B@5 <>@, ?>A8;5=V @5D;5:A8 :V=FV2>: V AC4<8, <07>20 3V?5@B>=VO. # 4C65 BO6:8E 28?04:0E <>65 @>728=CB8AO :><0. /5@F52>-AC48==0 A8AB5<0: A8=CA>20 B0EV:0@4VO, 5:B>?VG=89 @8B<, =04H;C=>G:>20 V H;C=>G:>20 B0EV:0@4VO, 0@B5@V0;L=0 3V?5@B5=7VO/3V?>B5=7VO. 5B01>;VG=V ?>@CH5==O: <5B01>;VG=89 0F84>7, 3V?>:0;VTD>AD0B5<03=VT;V7. =HV: 48E0;L=89 0;:0;>7, 3V?5@25=B8;OFVO, 3>AB@0 =8@:>20 =54>AB0B=VABL, 453V4@0B0FVO G8 ?>A8;5==O V=H8E ?@>O2V2 ?>1VG=8E @50:FV9. V:C20==O. @8?8=5==O 70AB>AC20==O ?@5?0@0BC, ?@<820==O H;C=:0, 2=CB@VH=L> 0:B82>20=5 2C3V;;O, >A<>B8G=V ?@>=>A=V 70A>18; 35<>4V0;V7. >=B@>;L @V2=O B5>DV;V=C 2 A8@>20BFV :@>2V 4> =>@<0;V70FVW ?>:07=8:V2, <=>VB>@8=3 B0 DC=:FVW =8@>:. @8 AC4<=>:070=5 70AB>AC20==O 4V075?0=EV0;L=C 0ABO2V 28@065=>W B0EV:0@4VW <>6;825 70AB>AC20==O =5A5;5:B82=8E 15B0-04@5=>1;>:0B>@V2. # BO6:8E 28?04:0E <>6=0 ?@8A:>@8B8 282545==O B5>DV;V=C 70 4>?><>3>N 35<>A>@1FVW 01> 35<>4V0;V7C. # 28?04:C 3V?>:0;VT1EV4=0 B5@20 2=CB@VH=L>25==0 V=DC7VO @>7G8=C :0;VN E;>@84C, <=>VB>@8=3 :0;VN B0 <03=VN C ?>072V. !;V4 C=8:0B8 ?@8 H;C=>G:>28E 0@8BAC20==O B0:8E 0=B80@8B <0NBL ?@>B8AC4<=>C 4VN, O: ;V4>:0W=, G5@57 @878: 703>AB@5==O AC4>A>2C20B8 0=B85<5B8:8, B0:V O: <5B>;>?@0 >=40=A5B@>=. @8 B0EV:0@4VW 7 045:20B=8< A5@F528< 451VB< :@0I5 =5 70AB>A>2C20B8 ;V:C20==O.

>1VG=V @50:FVW.

>1VG=V @50:FVW 70728G09 A?>AB5@V30NBLAO ?@8 ?;07<>28E :=F5=B@0FVOE B5>DV;V=C > 20  
I>:C H;C=:>2>-.8H:>2>3> B@0:BC: ?5GVO, 7=865==O 0?5B8BC/0=>@5:AVO ?@8 B@820;>AC20==V,  
=C4>B0, 1;N20==O, 1V;L C 682>BV, 4V0@50,30AB@>57>D0350;L=89 @5D;N:A, 703>AB@5==O  
28@07:>2>W E2>@>18, AB8B8 H;C=:>2>3> A>:C.

I>:C A5@F52>-AC48==>W A8AB5<8: A5@F518BBO, B0EV:0@4VO, 7=865==O 0@B5@V0;L=>3>  
B8A:C, 0@8B :0@4V0;3VO, 71V;LH5==O G0AB>B8 =0?04V2 AB5=>:0@4VW, 5:AB@0A8AB>;VO  
(H;C=>G:>20, =04H;C=>G:>20), A5@F520 =54>AB0B=VABL.

I>:C F5=B@0;L=>W =5@2>2>W A8AB5<8: 70?0<>@>G5==O, 3>;>2=89 1V;L, 4@0BV2;82VABL,  
B@82>6=VABL, =5A?>:V9, 71C465==O, ?>@CH5==O A=C, 157A>==O, B@5<>@, A?;CB0=VABL A2V4>  
<>ABV, <0@5==O, AC4><8.

I>:C VW A8AB5<8: @50:FVW 3V?5@GCB;82>ABV, 2;;NG0NG80=3V>=52@>B8G=89 =01@O.,  
0=0DV;0:B8G=V @50:FVW, 1@>=E>A?07

I>:C H:V@8 B0 ?V4H:V@=8E B:0=8=: H:V@=V 28A8?0==O, 5:AD>;V0B82=89 45@<0B8B, A25@1V6  
H:V@8, :@>?82O=:0.

I>:C A5G>284V;L=>W A8AB5<8: ?>A8;5==O 4VC@57C, >A>1;82> C 4VB59, 70B@828?CA:0==O C  
G>;>2V:V2 ;VB=L>3> 2V:C.

030;L=V @>7;048: ?V428I5==O B5;V7, <5B01>;VG=89 0F84>7, 2V4GCBBO 60@C B0 3V?5@51;8GGO,  
?V428I5=0 ?VB;82VABL, A;01:VABL, 7048H:0.

01>@0B>@=V ?>:07=8:8: ?V4 G0A ;V:C20==O B5>DV;V=× <>6;82V: 3V?>:0;VT?>@CH5==O  
:8A;>B=>-;C6=>W @V2=>2038 :@>2V.

>1VG=V 5D5:B8 7<5=HCNBLAO ?@8 7=865==V 4>78 ?@5?0@0BC.

"5@ABV. 2 @>: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.

> 10 B01;5B>: C :=BC@=V9 G0@C=:>2V9 C?0:>2FV; ?> 5 :=BC@=8E G0@C=:>28E C?0:>2>: C ?0GFV.

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

8@>1=8:.

@" «\$0@<0F52B8G=0 DV@<0 «0@=8FO».

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

#:@0W=0, 02093, <. 8W2, 2C;. >@8A?V;LAL:0, 13.