®
(MEVERINE)

!:;04:
4VNG0 @5G>28=0: 1 :0?AC;0   200 <3;
4>?>28=8, I> 2E>4OBL 4> A:;04C ?5;5B: FC:@>70, :@>E<0;L :C:C@C47O=89, ?>2V4>=, 5B8;F5;N;>70, B0;L:, H5;0:;
>1>;>=:0 :0?AC;;8: B8B0=C 4V>:A84 (171), 65;0B8=.

V:0@AL:0 D>@<0. 0?AC;8.
A=>2=0=V DV78:>-EVABV: B25@4V 65;0B8=>2V :0?AC;8 1, 1V;>3> :>;L>@C.
3> 01> <0965 1V;>3>, 01> 1V;>3> 7 :@5

$0@<0:>;>3V5@0?52B8G=0 3@C?0. !8=B5B8G=V 0=B8E>;V=5@3V5@3V=8 70A>18, 5AB5@8 8DV:>20=V B@5B8==V 051525@8=. >4 "% 0304.

$0@<0:>:;>3VG=V 2;0AB82>ABV.
$0@<0:>:<48=0
5E0=V7< 4VW B0 D0@<0:>:48=0
525@8=® B0@>?=89 A?07<<;VB8: 7 281V@@>2>N 4VTN =0 3;04:V <O78 H;C=:>2>3> B@0:BC. # B5@0?52B8G=8E 4>70E ?@5?0@0B 1;>:CT =0@@VT2V :0=0;8 <5<1@0= 3;04:8E <O7 <O7>28E :;VB8=, 70?>1V30T 2E>465==N V>=V2 =0@@VN C :;VB8=C V A?07<;V=N;VB8G=8E 70A>18V2, 525@8=® =5 4VT =0 -E;V=>@5F5?B>@8 V =5 A?@87@>48BL 4> A>A34B=5 =5 70A>18V2 7 -E;V=>;V:@CNG>N 4VTN ?>1V3=8E 5D5:BV2 (2V4GCBBO ACE>ABV C @>BV, ?>@CH5==O 7>@C, 70B@8<:C ?5G0:0:0==O), I> 4>72>;OT 70AB>A>2C20B8 9>3> 4;O ?0FVT=BV2 V7 3;0C:><>N ?5@54 2>W 70;>78 01> 3;0C:><>N. 0AB>A>2C==O 525@8==C® =5 AC?@>2>46CTBLAO @>728B:>< @5D;5:B>@>W 3V?5@5:@5BV>Y >@3>=V2W 3V?>B>=VW :8H5G=8:C.

VB8.
51525@8= B0;>:6 T 5D5:B82=8< 4;O ?>A;01;5==O A84@><C :8H5G=8:C C 4VB59. 568< 4>7C20==O :0?AC; @>7@0E>20=89 =0 >A=>2V 157?5:8 B0 ?5@5>A8<>ABV <51525@8=C.
$0@<0:>:8=5B8:0.
1A>@1FVO.
51525@8= H284:> B0 ?>2=V8=V0 01A>@1CTBLAO ?VA;O ?5@>@0;L=>3> 70A>1>A:20==O C D>@<. 024>:8 ?@>;>=3>20=>3> <>6=0 ?@89=OB8 420 @078 =0 45=L.
>7?>4V;.
@8 1030B>@07>2><C 70A>1@V 525@8=® VO:>@>ABV 7=0G=>ABV :C

V>B@0=AD>@<0FVO.
51525@8=C 3V4@>;V7CT B0 ?>284 3>=V2=8< <5B01>;V7CT7CTBLAO 5AB5@@0W7C ?5@5B2>@NTBLAO 70;V :8A;>B8 7 CB2>@5==O< 25@0B@>2>W :8A;>B8 V <5B8;>2>3> A?8@BC :8A;>B8 7 CB2>@5==O 72O7CTBLAO A?>;C:8.
82545==O.
51525@8= =5 5:A:@5BCTBLAO C =57<V==V>1V7@V0C:.

;V=VG=V E0@0:B5@8AB8:8.
>:070==O.
>@>A;V B0 4VB8 2V:>< 2V4 10 @>:V2:
    A8<?B>;>3VG=5 ;V:C20==O 1>;N, A?07<V2 @>7;04V2 V 48A:><D>@BC C :8H5G=8:C ?@8 A8=4@>;V 4@0@4@8B>720=>3> :8H5G=8:C;
    ;V:C20==O H;C=:>2>-:8H5G=8E A?07<V2 A8<?B>;>2>3> 3V?5@5:@5B8G=>3>:8H5G=8:C<8 70E2>@N20==O<8.

@>B8?>:070==O.

V?5@GCB;82VABL 4> 0:B82=>W @5G>28=8 01> 4> 1C4L-O:>3> 7 =50:B82=8E :>=5=BV2 ?@5?0@0BC. 0@0;VB8G=89 V;5CA.

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

@>2:48;8AO 4>A;V465==O 270T<>4VW 7 0;:>3>;;5A;V465==O in vitro B0 in vivo =0 B20@8>8=0E ?@>45 <>=AB@@AB@@O>;V:@ABLAO 1C4L-O:>W 270T<>4VW <51525@8=0 V 5B0>=>;;C.

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

72O7:C 7 2< FC:@>78 ?0FVT=0< 7 @V4:VA=8=@N A?04:>B>2>N =5?5@5=>A878, 3;N:>7>-30;0:B>7=>W <0>;L01A@@1FVTN 01> A0E0@@07@0@07>>-V7>@@07;B07=>N =54>AB0B@N=AB8 =5 @5:<5=4CTBLAO 70AB>>AC20==O ?@5?0@0BC.

5 A;V4 70AB>>A>2C20B8 ?0FVT=B0< 7 ?>@@DV@VTN.

A:V;L:8 ?@5?0@0B =5 28O2;8OT 728G09=8E 0=8<8T>=;V=5@3VG=8E ?>1VG=8E 5D5;B2 9>3><6=0 70AB>>A>2C20B8 ?0FVT=B0< 7 3V?5@@@?DVTN ?5@@542>W 70;>>78 V 3;0C:><N.

>15@56=N>VABN 70AB>>A>2C20B8 ?@5?0@0B E2>@8< 7 28@@065=>N ?5GV=:>>2N B0 =8@:>2>N =54>AB0B@N=AB8, A5@F528<8 1;>:040<8.

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

A=CNBL BV;L:8 4C65 >1<565=V 40=V ?@@ 70AB>>AC20==O <51525@8=0 203VB=8<8. >A;V465==O @5?@@4C:B82>>W B0<=O B0 :A8G=>ABV C B20@8>= T =54>AB0B@N=V<8. 525@8=® =5 @5:<5=4CTBLAO 70AB>>AC20B8 ?V4 G0A 203VB=>ABV.

52V4><>, G8 5:A:@5BCTBLAO <51525@8=0 01> 9>3> <51@01>;VB8 2 3@C4=5 <>;><:> ;N48=8. :A:@5FVO <51525@8=0 2 3@C4=5 <>;><:> B20@8>= T =5 4>A;V465=0. 525@8=® =5 A;V4 70AB>>AC20B8 2 ?5@V>4 3>4C20==O 3@C44N.

5<0T ::V=VG=8E 40=8E I>4> 2?;82C =0 G>;>;>2VGC D5@B8;L=VABL; ?@>B5 4>A;V465==O =0 B20@8>=0E ?@> H:V4;82V 5D5:B8 A2V4@G0BL ?@> H:V4;82N 4>>7N H:V4;82VABL @5?@@4C:B82>>ABV.

>A;V465==O 2?;82C =0 740B=VABL :5@C20B8 02B>@@1V;5< V ?@@0FN20B8 7 <5E0=V7<0<8 7 <56 =5 ?@@2>48;8AO. $0@@<@:0:>:48=0=VGN=

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

;O ?5@@@@0;L=>3> 70AB>>AC20==O.

>@@A;8< B0 4VBO< 2V:>< 2V4 10 @@:V2 ?@@89@0B8 ?@> 1 :0?AC;V 2 @>78 =0 4>1C (7@@0=:>:C B0 225G5@@@2V). 0?AC;C ?>2B0@@0NBL, =5 @@76>2@2CNG8, 70?@820NG8 4>AB0B=L>N :V;L:VABN 2>48 (=5<5=H5 H5 100 <;). "@820;VVABL ;V:C20==O 287@0G0TBLAO ;V:0@5< V=482V4C0;L=>.

/:I> >4=C 01> 1V;LH5 4>7 ?@@@?@@CI5=>, ?@@0FVT=B8 A;V4 ?@@89=OB8 =0AB0B?=C 4>7C, O: ?@@87=0G5=@. @>@?@CI5=C(V) 4>7C(8) =5 A;V4 ?@@89<0B8 4>40B:>>2> 4> @53C;O@@>W 4>78. 5<0T 40=8E ?@@ A?5F8DVG=89 @878: 4;O E2>@@=V; ;VB=L>3> 2V:C, ?@@0FVT=B2 7 ?>@@@@CH5==O<@ DC=:FVW =8@>:5 =5@@@2 B0/01> ?5GV=:@. >AB 8=I5=73040=8E 3@>4> ?@@0FVT=B2.

VB8.

5 A;V4 70AB>>AC20B8 525@@8=®, :0?AC;8, 4VBO< 2V:>< 4> 3 @@:V2 C 72O7:C 7 2V4A>>@B=VABN ::V=VG=8E 40=8E 4;O FVTW 2V:@>2>W 3@C?8. "0:0>: =5 A;V4 70AB>>AC20B8 525@@8=®, :0?AC;8, 4VBO< 2V:>< 2V4 3 4> 10 @@:V2 V7-70 28A@@:>3> 2N @5G>28=8.

5@54>7C20==O.

@08 ?5@54>7C20==V B5@@@5@@0G=T >65 A@@A5@@3V?5@@4>>7C20==O 71C465==O F5=B@0;L=>W 5@@2>>2>W A8AB5<8. # 287@0G0TBLAO ?5@54>7C20==O <51525@8=0 >A5@@B@5@@2V A?@@8<@BV 2V4 ?0FVT=B0 01> A8<@B@<8 2V4 ?0FVT=B V H284:> 7=8:0N. !8<@B@<8 ?5@54>7C20==O, I> A?@@8<@B=V30;8AL, :@@2V =52@07@@2N3VG=>> @@1>2A>

:0@4V>20A:C;O@=>3> ?>E>465==O. !?5F8DVG=89 0=B84>B =52V4><89. 5:><5=4>20=> A8<0B8G==5 ;V:C20==O. @><820==O H;C=:0 @5:><5=4=4CTBLAO BV;L:8 2 @07V V=B>:A8:0FVW G8A;5==8<8 ?@5?0@0B0<8, O:0 4V03=>AB>20=0 ?@@>BO3>< 1 3>48=8 7 <><5=BC ?@@89>1V2. 0E>48 4;O 7=865==O 01A>@@@1FVW =5 T =5>1EV4=V4=8<8.

>1VG=V @50:FVW.

>2V4><;O;O;>AO ?@@> =0ABC?=V ?>>1VG=V @50:FVW @50:FVW, O:V 28=8:0;8 A?>==B0===> ?@@>BO3>< ?>AB?>5B><5B2> ?>>BVBVBV> 70AB>BVBV=20==O. '0AB>BA0 70 =002=80?><8 40>8<8?8 B>G=> 287=0G8A8B8 =5>6;82>>:

!?@?>AB5@V30@;8AO 0;;@5@3VG@=V @50:FVW ?5@@5B> 7 1>:C H:V@@8.

>@CH5==O 7 1>:C H:V@ B0 ?V4H:V@@=>?W ;:;VB:0B:V:>28=8:
:@>?82@O=:0, 0=3V>>=52@82>=B8@:8@B8 =8 =01@O:, =01@O:: >1;8GG@> V 28A8?>==O.

>@CH5==O 7 1>:C WW A8AB5<8:
3V?@5@@>GCB:82@>ABVVABL (0=0@DV;O:B8G=0 @50:FV?V).

!" #&/
?> <548F8=A:>

®

(MEVERINE)

!>AB02:

459AB2CNI55 25I5AB2>: 1 :0?AC;0 A>45@68B <51525@8=0 384@@8>E;>@840, ?5@;;5BK, :>B>@@>@@K5 A>45@60B AC1AB0=F8N, 2 ?5@0A?0>0AG5B5 =0 <51525@8=0 384@@8>E;>@84 - 200 <3;

2A?><>30B5;L=K5 25I5AB20, :>B>@@K5 2E>4OB 2 A>AB02 ?5@;;5B: A0E0@0@>70, :0@0E<5<<<0, :AC;LF@A=K9, ?>284A==, MB5;F5;;N;>70, B0;L:, H5;;>:;

>1>;>G:0 :0?AC;K: B8B0=0 48>:A84 (171), 65;0B8=0.

5:0@AB25==0O D>@<0. 0?AC;K.*

A>=2=K5 D878:>-E8<8G5A:85 A2>9AB20: B25@4K5 65;0B8=>2K5 :0?AC;K 1, 15>?3> F25B0.
!@?45@68<>5 :0?AC; 3@@0=C;O=0O (?5@;;5BK) 15>?3> 8;8 ?@@0:B8G5A:8 15>?3>, 8;8 15>?3> A :@5<><20BK<
>BB5=:>< F25B0, AD5@8G5A:>9 D>@@@@0

$0@@<0:>;>38G5A:0O 3@@C??0. !?07>;8B8G5A:>5 A@54AB2>, A@54AB20 A05 @57?5@>@84O>;8B8B:2 A05 A0;0@5;8B0B, MAB5@@8>3D@>@@20==K5 B@5B?5@@5B0 0<8=0. 51525@8=0. >4 "%" 0304.*

$0@<0:>;>38G5A:85 A2>9AB20.

$0@<0:>48=0<8:0.

5E0=87< 459AB28O 8 D0@<0:>48=0<8G5A:85 MDD5:BK.

525@8=® <8>B@>?=K9 A?07<<;8B8: A 8718@0B5;L=K< 459AB285< =0 3;04:85 G=>-:8H5G=>3> B@0:B0.
B5@0?52B8G5A:8E 4>70E ?@5?0@0B 1;>:8@C5B =0B@852K5 :0=0;;K <5<1@0= 3;04:8E :,
?@54>B2@0I05B 2E>645=85 8>==>2 =0B@8O 2 ::5B:C 8 A?07< 3;04:8E @30=>2. #AB@0=O5B A?07<, =5
2;8OO =0 =>@<0;L=CN ?5(8AB0;LB8:C :8H5G==8:0. >B;8G85 >B E;8>=;8B8=3;5A:8E A@54AB2, 525@8=®
=5 459AB2C5B =0 -E;8>=;8@5F5?B>@K 8 =5 2K7K205B E0@0:B5@=KE 4;O A?07<;8B8G5A:8E
A@54AB2 A -E;8>=;1:>8@CNI8< 459AB285< ?>1G=KE MDD5:B>2 (>ICI5=85 ACE>AB8 2> @BC,
=0@CH5=85 7@5=8O, 7045@6:0 <>G58A?CA:0=8O), GB> ?>72;;O5B ?@8<5=OBL 53 4;O @0F85=B>2 A
38?5@B@@D859 ?@54AB0B5;L=>9 65;57K 8;8 3;0C:><>9. @8<5=5=85 525@8=0® =5 A>?@>2>6405BAO
@0728B85< @5D;5:B>@=@=>9 38?>B5=788 :8H5G=8:0.

5B8.

51525@8= B0:65 O2;O5BAO MDD5:B82=K< 4;O C<5=LH5=8O A8<>2 A8=4@><0 @074@065==>3>
:8H5G=8:0 C 45B59.

568< 4>78@>20=8O :0?AC; @0AAG8B0= =0 >A>>20=88 157>?0A=>AB8 8 ?5@5=>A8<>AB8
<51525@8=0.

$0@<0:>:8=5B8:0.

1A>@@1F8O

51525@8= 1KAB@@@> 8 ?>;;==>AB=>ABLN 01A>@@818@C5BAO ?>A;5 ?5@>@0;L=>3> ?@8<5=5=8O. ;03>40@O
?@@>;;>=38@0@>20==>1>645=8N ?@5?0@0B0 87 :0?AC;K 53> <6=> ?@8=8<0BL 420 @070 2 45=L.

0A?@545;5=85.

@8 <=>3>:@0B=>< ?@8<5=5=88 525@8=0® =8:>:>9 7=0G8B5;L=>9 :C7=8:>05B.

8>B@0=AD>@@<0F8O

51525@8=0 384@>;;87@8@845 3;02=K< >1@07>< <5B01>;878@C5BAO MAB5@070<8, :>B>@K5 =0 ?5@2>>
< MB0@5 <5B>171@87CNB MD8@==K5 A2O78 A >1@07>20=85< 25@0B>@2>29 :8A;>BK 8
<51525@8=>2>3> A?8@B0.

K2545=85.

51525@8= =5 M:A:@5B8@C5BAO 2 =587<5=5==>< 2845, >= ?>;=>ABLN <5B01>;878@C5BAO, 0
<587<5>:8BK 2K2>4OBAO ?@0:B8G5A:8 ?>;=>ABLN. 5@0B@>20>O :8A;>B0 M:A:@5B8@C5BAO A
<>G>9. 51525@8=>289 A?8@B B0:65 2K45;O5BAO ?>G:0<8 2845 A>>B25BAB2CNI8E :0@1>:A8;>>9
8;8 45<5B8;;:0@1>:A8;>>9 :8A;>B.

5B8.

$0@<0:>:8=5B8:0 5B8=8G5A:0O 8AA;54>20=0 C 45B59 =5 ?@>2>48;8AL.

;8=8G5A:85 E0@0:B5@8AB8:8.

>:070=8O.

7@>A;K5 8 45B8 >B 10 ;5B:

A8<0B8G5A:>5 ;5G5=85 1>;8, A?07<>2, :8H5G=KE @0AAB@>9AB2 8 >ICI5=8O 48A:><D>@B0 2
:8H5G=8:5 ?@8 A8=4@><5 @074@065==>3> :8H5G=8:0;

;5G5=85 65;C4>G=>-:8H5G=KE A?07<>2 2B>@8G=>3> 35=570, 2K720==>3> >@30=8G5A:8<8
701>;520=8O<8.

@>B82>?>:070=8O.

825@G2AB28B5;L=>ABL : 1>;82>2==5=B>2 ?@5?0@0B0. 0@;8H8AG5A:89 8;5CA.

70<8=8AB@0B5;L=>5 A ?@8@@C38;0?@0AB25==K<8 A?54AB20<8 8 ?@@C385 2708=0AB289.

@>2>48B;8AL 8AA;54>20=8O 2708=0AB28O A 0;;>38;520=8O *in vitro* 8 *in vivo* =0 682>B=KE ?@>45
<>=>A=@8AB82>29 >BACBAB28O :0:8>3>-;81> 2708=0AB28O <51525@8=0 8 M41>=>.

A>15==>AB8 ?@8<5=5=8O.

A2>78 8 A>45@60=85< A0E0@>2K :0@C;>7K ?0F85=B0< A @54:8<8 =0A;54AB25==K<8 725?5@5>A8<>ABLN
D@C:B>7K, 3;N:>7>-30;0:B>7=>9 <0;L01A>@@1F859 8;8 A>E0@07>=-87>-87>;07=>9
=54>AB0B>G=>ABLN =5 @5:><5=4C5BAO ?@8<5=5=85 ?@5?0@0B0.
5 @5:><5=4C5BAO =070G0BL ?@5?0@0B 1>;L=K< A ?>G5G=>9 8;8 ?5G5=@>G=>9 =54>AB0B>G=>ABLN.

>A:>;L:C ?@5?0@0B =5 >:07K205B >1KG=KE 0=B8E>;8=5@38G5A:8E ?>1>G=KE MDD5:B>2 53>
<>6=> ?@8<5=OBL ?0F85=B0< A 38?5@@>D859 ?@54AB0B5;L=>9 65;57K 8 3;0C:><>9.
! >AB>@@>6=>=>ABLN ?@8<5=OBL ?@@5?0@0B 1>;L=K< A 2K@@065===>9 ?5G5=>G=>9 8 ?>G5G=>9
=54>AB0B>G=>ABLN, A5@45G=K<8 1;>:040<8.

@8<5=5=85 2 ?5@8>4 15@5<5==>ABL8 8;8 :>@<;5=8O 3@C4LN.
!CI5AB2CNB B>;L:> >G5=L >3@0=8G5==K5 40==K5 > ?@8<5=5=88 <51525@@@8=0 C 15@5<5==KE.
AA;54>20=8O @5?@@>4C:B82=>9 B>:A8G=>AB8 C 682>B=KE O2;ONBAO =54>AB0B>G=K<8. 525@@8=®
=5 @5;:><5=4C5BAO ?@8<5=OBL 2> 2@5<O
58725AB>=, M:A:@5B8@C5BAO ;8 <51525@@8= 8;8 53> <5B01>;8BK 2 3@C4=>5 <>;>:>. -
:A:@5F8O <51525@@8=0 2 3@C4=>5 <>;>:> 682>B=KE =5 8AA;54>20=0. 525@@8=® =5 A;54C5B ?@8
<5=OBL 2 ?5@8>4 :>@<;5=8O 3@C4LN.
5B :;8=8G5A:8E 40==KE >B=>A8B5;L=> 2;8O=8O =0 ABL, >4=0:> 8AA;54>20=8O =0 682>B=KE =5
A2845B5;LAB2CNB > 2@54=>< MDD5:B0E <51525@@8=0.

@8<5=5=85 2;8O=8O 2;8OBL =0 A?>A>B=>ABL @50:F88 ?@8 C?@02;5=88 02B>B@0=A?>@B>< 8;8 4@C38<8
<5E0=87<0<8.
AA;54>20=85 2;8O=8O =0 A?>A>B=>ABL @50:F88 C?@02;O=85 02B>B@0=A?>@B>< A5E0=87<0<8
CAB0@>9AB20<8 =5 ?@>2>48;8AL. $0@<0:>48=0<8:0 8 D0@<0:>:8=5B8G5A:89 ?@>D8;L, 0 B0:65
?>AB<0@:8B8=3>2K9 >?KB =5 A2845B5;LAB2CNB > :>:> 2@54>< 2;8O=88 =0 A?>A>T=>ABL @50:F88
C?@02;O=85 02B>B@0=A?>@B>< A5E0=87<0<8 CAB0@>9AB20<8.

!?>A>1 ?@8<5=5=8O 8 4>7K.
;O ?5@@>@0;L=>3> ?@@8<5=5=8O.
7@>A;K< 8 45B0< >B 10 ;5B ?@8=8<=0<<<0:;5 ?> 1 :0?AC;5 2 @070 2 ACB:8 (CB@=><< 8 25G5@@><<). 0?AC;C
3;>B0OB, =5 @07652K20O, 70?820O 4>AB0B>G=K< :>;8G5AB2>< 2>4K (=5 <5=55 100 <;).
@>4>;68B5;L=>ABL ;5G5=8O >?@@545;O5BAAO 2@0G>< 8=48284C0;L=>.
A;8 >4=C 8;8 1>;LH5 4>7 ?@>?CI5=>, ?0F85=BC A;54C5B ?@8=OBL A;54CNICN 4>7C, :0: :0>=G5=>.
@>?CI5==CN(K5) 4>7C(K) =5 A;54C5B ?@8=8<0<BL 4>?>;=8B5;L=> : @53C;O@@>9 4>75.
5B 40==KE > A;5F8D8G5A:>< @8A:5 2>7=8:=>25=8O ?@8 @5<68@>3 2>7@0AB0, ?0F85=B0 A =0@CH5=85<
DC=:F88 ?>G5:: 8/8;8 ?5G5=8. 5B =5>1E>48<>ABL 2 :>@@5:F88 4>7K 4;O 2AKE5A>25B.

5B8.
5 A;54C5B ?@8<5=OBL 525@@8=® :0?AC;K, 45BO< 2 2>7@@0AB5 4> 3 ;5B 2 A2O78 A >BACBAB285<
:;8=8G5A:8E 40==KE 4;O MB>9 2>7@0AB=>9 :0B53>@88. "0:65 =5 A;54C5B ?@8<5=OBL 525@@8=®,
:0?AC;K, 45BO< 2 2>7@0AB5 >B 3 4> 10 ;5B 87-70 2KA>:>3> A>45@60=8O 459AB2CNI53> 25I5AB20.

5@54>78@>2:0.
@8 ?5@54>78@>2:5 B5>@5B8G5A:8 <>65B =01;N40OB 2>71C645=85 F5=B@0;L=>9 =5@2=>9 A8AB5<K
78@>2:8 <51525@@82>B8 8;8 1K:8 ;53:8<8 8 1K0@@8 8AG570NB. !878@>2:8, :>B>@K5
=01;N408L, 1K:8 52@>;>38G5A:89 8;8 :0@48>20A:C;O@=3> ?@>8AE>@645=8O. !?5F8D8G5A:89
0=B84>B =58725AB5=. 5:><5=4C5BAO A8<<B>=0B8G5A:>5 ;5G5=85. @>A5<4C5BAO 2 A;CG05
8=B>:A8:0F88 <>=8B>@8@@>20BL 2 B5G5=85 1 G0A0 A <><
<5=B0 ?@85<0 ;5:0@AB25===KE A@54AB2. 5@F 4;O A86=5=8O 01A>@1F88 =5 O2;ONBAO =5>1E>48

>1>G=K5 @50:F88.
!>>>1I0;>;>AL > A;54CNI8E ?>1>G=K5 @50:F8E, :>B>@K5 2>7=8:0;8 A?>=B0==> 2 B5G5=85 ?>AB
<0@:5B8=3>2>3> ?@?8<5=5=8O. '0AB>BC ?> 8<5NI8
01;N408L 0;;5@38G5A:85 @50:F88 @50:F8O A> AB>@@>=K : >68.
0@@CH5=8O A> AB>@@>=K : >68 8 ?>4:>6=>9 :;5BG0B:8:
:@0?82=8F0, 0=38>=52@>B8G5A:89 >B5:, >B5:: ;8F0 8 2K0:0?;0=8O.
0@@CH5=8O A> AB>@@>=K 8<9 A8AB5<K
38?5@@GC2AB28B5;L=>ABL (0=0D8;0:B8G5A:89 @50:F88).

!@>: 3>4=>AB8. 2 3>40.

#A;>28O E@0=5=8O.
%@0=8BL 2 >@838=0;L=>9 C?0:>2:5 ?@8 B5
%@0=8BL 2 =54>ABC?=>< 4;O 45B59 <5AB5.

#?0:>2:0.
0?AC;K ?> 200 <3 10 2 1;8AB5@5, 3 1;8AB5@0 2 ?0G:5.

0B53>@8O >B?CA:0. > @5F5?BC.

@>872>48B5;L.
«852<54?@5?0@0B».

5AB>=0E>645=85 ?@>872>48B5;O 8 53> 04@5A <5AB0 2545=8O 45OB5;L=>AB8.
#:@08=0, 01032, 3. 852, C;. !0:A030=A:>3>, 139.