

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

& □ ®
(AMICIL)

!;:04:

4VNG0 @5G>28=0: amikacin;
1 D;0:>= (1:1,8) C ?5@5@0EC20==V =0 0
4>?>28=0: <0=VB (421).

V:0@AL:0 D>@<0. V>DV;V70B 4;O @>7G8=C 4;O V=T:FV9.
A=>2=V DV78:>-EVABV: ?>@8AB0 <0A0 1V;>3> 01> 1V;>3> 7 6>2BC20B8< 2V4BV=:< :>;L>@C.

\$0@<0:>B5@0?52B8G=0 3@C?0.
=B810:B5@V0;L=V 70A>18 4;O A8AB5<=>3> 70AB>AC20==O. 3;V:>7848.
>4 "% J01G B06.

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

\$0@<0:>48=0
B8: 3@C?8 03;V:>784V2 H8@>:>3> A?5:B@0 4VW. @>O2;OT 10:B5@8F84=C 4VN. :B82=> ?@>=8:0NG8
G5@57 ;:VB8==C <5<1@0=C 10:B5@V9, =5>1>@>B=> 72O7CTBLAO 7 30S cC1>48=8F5N
10:B5@V0;L=8E @81>A<, I> ?@83=VGCT A8=B57 1V;:0 71C4=8:0.
8A>:>0:B82=89 2V4=>A=> 05@>1=8E 3@0<=530B82=8E 10:B5@V9: Pseudomonas aerugVnosa,
EscherVchVa colV, ShVgella spp., Salmonella spp., KlebsVella spp., Enterobacter spp., SerratVa spp.,
ProvVdencVa stuartVV.
:B82=89 B0:>6 I>4> 45O:8E 3@078B82=8E 10:B5@V9: Staphylococcus spp. (C B. G. HB0 ?5=VF8;V=C,
<5B8F8;V=C, 45O:8E F5D0;>A?>@8=V2), 45O:8E HB0
50:B82=89 2V4=>A=> 0=05@>1=8E 10:B5@V9.

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

A<>:BC20==O.

VA;O 2=CB@VH=L<O7>2>3> 22545==O 2A<>:BCTBLAO H284:> V ?>2=VABN. 0:A8<0;L=0
:>=F5=B@0FVO (Cmax) C ?;072V ?@8 2=CB@VH=L<□O7>2>7V 7,5 <3/:3 21 2V ?VA;O
2=CB@VH=L<O7>2>3> 22545==O 1;87L:> 1,5 3>48=8.

>7?>4V;.

V2=> @>7?>4V;OTBLAO C ?>70;:VB8==V9 @V48=V (22V0;L=0, ;V=50;L=0 @V48=8); C 28A>:8E
:>=F5=B@0FVOE 28O2;OTBLAO C A5GV; C =87L:8E C 6>2GV, 3@C4=?8GCTBLAO
2=CB@VH=L;:;VB8==>. 8A>:V :=F5=B@0FVW 28O2;ONBLAO 2 >@30=0E 7 V=B5=A82=8<
:@>2?>AB0G0==O:0@4V, A5;57V=FV V >A>1;82> 2 :V@:>2V9 @5G>28=V =8@>; 1V;LH =87L:V
:=F5=B@0FVW C <O70E, 68@>2V9 B:0=8=V V :VAB0E.

4>@>A;8E C A5@54=VE B5@0?52B8G=8E 4>70E (C =>@=8:0T G5@57 35<0B>5=F5D0;VG=89
10@T@. # =5<>2;OB 4>AO30NBLAO 1V;LH 28A>:V :=F5=B@0FVW C A?8==><7:>2V9 @V48=V, =V6
C 4>@>A;8E.

=8:0T G5@57 ?;0F5=B0@=89 10@T@ 28O2;OTBLAO C :@>2V ?;>40 B0 0<=V>B8G=V9 @V48=V.

1□T< @>7?>4V;C (Vd) C 4>@>A;8E 0,26 ;/:3, C 4VB59 0,2-0,4 ;/:3, C =5<>2;OB 2V:< <5=H5 B86=O V 7
<0A>N BV;0 <5=H5 1,5 :3 4> 0,68 ;/:3, C 2VfV <5=H5 B86=O V <0A>N BV;0 1V;LH5 1,5 :3 4> 0,58 ;/:3, C
E2>@8E =0 2VAF84>7 0,3-0,39 ;/:3.

!5@54=O B5@0?52B8G=0 :=F5=B@0FVO ?@8 2=CB@VH=L>25==> 2=CB@VH=L<□O7>2>BO3<< 10-
12 3>48=.

5B01>;V7

5 <5B01>;V7CTBLAO.

82545==O.

5@V>4 =0?V2282545==O (T½) C B5@ (b) D07V C 4>@>A;8E 2-4 3>48=8, C =5<>2;OB 5-8 3>48=, C
4VB59 2,5-4 3>48=. V=F520 25;8G8=0 T½?>=04 100 3>48= (282V;L=5==O 7 2=CB@VH=L;:;VB8==8E
45?>).

82>48BLAO =8@:0<8 H;OE<< ;C1>G:>2>W DV;LB@0FVW (65-94 %) ?5@5206=> C =57289 ;V@5=A 79-100 <;E2.

\$0@<0>:V=5B8:0 2 >A>1;828E ;:V=VG=8E 28?04:0E.

@8 ?>@CH5==V DC=:FVW =8@>: C 4>@>A;8E T½20@VNT 70;56=> 2V4 ABC?5=O ?>@CH5==O 4>100 3>48=, C E2>@8E V7 2VAF84>7< 1-2 3>48=8. # E2>@8E 7 >?V:0<8 V 3V?5@B5@
82>48BLAO ?@8 35<>4V0;V7V (50 % 70 4-6 3>48=) V ?5@8B=>50;L=> 48-72 3>48=8).

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

>:070==O.

=D5:FVW, A?@8G8=5=V GCB;828<8 4> 0>@30=V7 @578AB5=B=8<8 4> V=H8E 03;V:>784V2.

@>B8?>:070==O.

V428I5=0 GCB;82VABL 4> 0V=H8E :=5=BV2 ?@5?0@0BC 01> 4> 1C4L-O:>3> V=H>3> 0=B81V>B8:0 0 3;V:>784=>W 3@C?8 B0 WE ?>EV4=8E;

=8@:>20 =54>AB0B=VABL;

=52@8B A;CE>2>3> =5@20;

?>@CH5==O DC=:FVW 25AB81C;O@=>3> 0?0@0BC;

07>B5289 07>B 28I5 150 <3 %);

?>?5@54=T ;V:C20==O >B>- 01> =5D@>B>:A8G=8<8 ?@5?0@0B0<8.

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

\$0@<0F52B8G=> =5AC<, 0B5@8F8=><, 3V4@>E;>@>BV0784><, 5@8B@><, =VB@>DC@0=B>W=><, 2VB0

O2;OT A8=5@3V7< ?@8 270T<>4VW 7 :0@15=VF8;V=><, 15=78;?5=VF8;V=><, F5D0;>A?>@8=0<8 (C E2>@8E V7 206:>N E@>=VG=>N =8@:>2>N =54>AB0B=VABN ?@8 >4=>G0A=>AC20==V 7 15B0;>0:B0 <=8<8 0=B81V>B8:0<8 <>6;825 7=865==O 5D5:B82=>ABV 03;V:>784V2).

0;V48:A>20 :8A;>B0, ?>;V728B:C>B>- V =5D@>B>:A8G=>ABV.

@8 >4=>G0A=>AC20==V 7 ?5=VF8;V=><, F5D0;>A?>@8=0<8, AC;LD0=V;0<, <5B>:A8D;C@0=><, 5=D;C@0=><, =5AB5@>W4=8<8 ?@>B870?0;L=8<8 70A>10<8 (), @5=B35=>:=B@0AB=8<8 70A>10<8, F8;>A?>@8=><, F8A?;0B8=><, 0B5@8F8=><, F5D0;>B8=><, ?>;V< B0 4VC@5B8:0<8 (>A>1;82> DC@>A5728B:C =5D@>B>:A8G=>W 4VW.

=4><5B0F8=, D5=V;1CB07>= B0 V=HV, O:V ?>@CHCNBL =8@:>289 :@>2>BV.;<>6CBL

A?>2V;L=N20B8 H284:VABL 282545==O 70AB>A>2C20B8 04=>G0A=> 7 2=CB@VH=L>25==8< 22545==O< V=4<<5B0F8=C H;OE<< 2=CB@VH=L>25==>3> 2545==O =54=>H5=8< =5<>2;OB0<, 2V41C20TBLAO ?V428I5==O :=F5=B@0FVW ?@5?0@0BC C ?;072V V 28=8:0T @878: @>728B:C B>:A8G=>ABV.

V4A8;NT @5;0:ACNGC 4VN :C@0@5?>4V1=8E ?@5?0@0BV2.

5B>:A8D;C@0=, ?>;V3> 22545==O, :0?@5>18, O:V 1;>:CNBL =5@2>2>-<O7>2C ?5@540GC (30;>35=V7>20=V 2C3;52>4=V ?@5?0@0B8 C O:>ABV ?@5?0@0BV2 4;O V=30;OFV9=>W 0=5AB57VW, >?V>W4=V 0=0;35B8:8), ?5@5;820==O 25;8:>3> >1T2V 7 F8B@0B=8<8 :=A5@20=B0<8 ?V428ICNBL @878: 7C?8=:8 48E0==O. 0@5=B5@0;L=5 22545==O V=4<<5B0F8=C ?V428ICT @878: @>728B:C B>:A8G=>W 4VW 03;V:>784V2 (71V;LH5==O T½V 7=865==O ;:V@5=AC).

@8 >4=>G0A=>AC20==V 7 5DV@>< 5B8;>28< V 1;>:0B>@0<8 =5@2>2>-<O7>2>W ?5@540GV ?V428ICTBLAO @878: ?@83=VG5==O 48E0==O.

878: @>728B:C >B>B>:A8G=>W 4VW 7@>AB0T ?@8 >4=>G0A=>AC20==V A5< B0 5B0:@8=>2>N :8A;>B>N.

><1V=0FVW 0=B81V>B8:V2 0?5@07>= ?@>O2;ONBL =091V;LH 048B82=89 B0 A8=5@3VAB8G=89 5D5:B ?> 2V4=>H5==N 4> Pseudomonas aeruginosa.

@07V 70AB>AC20==O :V;L:>E 0=B81V>B8:V2® =5 <>6=0 74=> D;0:=>V 7 V=H8<8 0=B810:B5@V0;L=8<8 035=B0<8.

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

5@54 70AB>AC20==O< ?@5?0@0BC A;V4 287=0G8B8 GCB;82VABL 284V;5=8E 71C4=8:V2.

5 70AB>A>2C20B8® E2>@8< V7 ?V428I5=>N GCB;82VABN 4> V=H8E 0B;V:>784V2 G5@57 =5157?5:C ?5@5E@5A=>W 0;5@3VW.

>15@56=VABN A;V4 70AB>A>2C20B8 ?@5?0@0B ?@8=V7 1>BC;V73;V:>7848 <>6CBL A?@8G8=8B8
?>@CH5==O =5@2>2>-<O7>2>W ?5@540GV, I> ?@872>48BL 4> ?>40;LH>3> >A;01;5==O A:5;5B=>W
2V9 =54>AB0B=>ABV, =5<>2;OB0< (>A>1;82> =54>=>H5=8<), E2>@8< ;VB=L>3> 2V:C.
?5@V>4 ;V:C20==O =5>1EV4=> =5 @V4H5 1 @07C =0 B8645=L :>=B@>;N20B8 DC=:FVN =8@>.,
A;CE>2>3> =5@20 V 25AB81C;O@=>3> 0?0@0BC.

<>2V@=VABL @>728B:C =5D@>B>:A8G=>ABV 28I0 C E2>@8EV7 ?>@CH5==O< DC=:FVW =8@>., 0
B0:>6 ?@8 70AB>AC20==V ?@5?0@0BC C 28A>:8E 4>70E 01> ?@>BO3<< B@820;>3> G0AC (FV9
:0B53>@VW E2>@8E ?>B@V15= I>45==89 :>=B@>;L DC=:FVW =8@>:).

@8 =5704>2V;L=8E 0C4V<5B@8G=8E B5AB0E 4>7C ?@5?0@0BC A;V4 7=86C20B8 01> ?@8?8=8B8
;V:C20==O.

0FVT=B0< 7 V=D5:FV9=>-70?0;L=8<8 70E2>@N20==O<8 A5G>284V;L=8E H;OEV2 @5:<5=4CTBLAO
26820B8 1030B> @V48=8.

A=>2=8< B>:A8G=8< 5D5:B>< ?@5?0@0BC ?@8 ?0@5=B5@0;L=>3> 4VO =0 VIII ?0@C G5@5?=>-
<>7:>28E =5@2V2, O:0 ?@>O2;OTBLAO A?>G0B:C 3;CE>B>N C 4V0?07>=V 72C:V2 28A>:>W

G0AB>B8. # E2>@8E V7 ?>@CH5==O<8 DC=:FVW =8@>: @878: @>728B:C >B>B>:A8G=8E
CA:;04=5=L 7=0G=> 28I89. > ?>G0B:C ;V:C20==O =5>1EV4=> ?@>25AB8 :>@5:FVN 2>4=>-

5;5:B@>;VB=>3> 10;0=AC C ?0FVT=B0. # ?5@V>4 ;V:C20==O 0< =5>1EV4=> 26820B8 4>AB0B=N
:V;L:VABL @V48=8, G0AB> 287=0G0B8 :>=F5=B@0FVN :@50B8=V=C C ?;0?2V B0 ?@8

=5>1EV4=>ABV :>@83C20B8 AE57C20==O.

0FVT=B0< ;VB=L>3> 2V:C B@510 7<5=HC20B8 4>7C !;V4 @53C;O@=> >FV=N20B8 DC=:FV>=0;L=C
0:B82=VABL =8@>.:5>1EV4=89 0=0;V7 A5GV 4> 01> ?V4 G0A ;V:C20==O.0AB>AC20==O @0B>@=V

?>:07=8:8: A8@>20B:>20 0;0=V=0B@0=AD5@070, 0A?0@B0B0B@0=AD5@070, 1V;V@C1V=,
;0:B0B453V4@>35=070, 0;:0;V=D>AD0B, A5G>289 07>B, :@50B8=V=, V>=8 :0;L:FN, <03=VN, :0;VN,
=0B@VN.

?0FVT=V2 V7 ?>@CH5==O< DC=:FVW =8@>: 4>1>20 4>70 <0T 1CB8 7=865=>N B0/01> V=B5@20;
70<8 71V;LH5=89 2V4?>2V4=> 4> :>=F5=B@0FVW :@50B8=V=C C A8@>20BFV :@>2V, 4;O

70?>1V30==O =0:>?8G5==N ?@5?0@0BC C :@>2V B0 72545==O 4> B>B>:A8G=>ABV. /:I>
7O2;ONBLAO >7=0:8 ?>4@07=5==O =8@>: (0;L1C35<0BC@VO, ;59:>F8BC@VO), 3V4@0B0FVN A;V4

71V;LH8B8 B0 7<5=H8B8 4>7C20==O. &V ?@>O28 70728G09 7=8:0NBL ?VA;O 7025@H5==O
;V:C20==O. /:I> 7O2;ONBLAO >7=0:8 >B>B>:A8G=>ABV (=0?@8:;04, 70?0<>@>G5==O, 472V=, HC< C

2CE0E 01> 7=865==O A;CEC) 01> =5D@>B>:A8G=>ABV (=0?@8:;04, 7=865==O ;V@5=AC
:@50B8=V=C, >;V3C@VO), 70AB>AC20==O F8;C A;V4 ?@8?8=8B8 01> 7<5=H8B8 4>7C. /:I> 28=8:0NBL

?@>O28 07>B5 =0@>AB0T >;V3C@VO, ;V:C20==O A;V4 7C?8=8B8.
4=>G0A=5 70AB>AC20==O 0W 4VW, =0?@8:;04, ?>EV4=8E 5B0:@8=>2>W :8A;>B8, DC@>A58B8

2=CB@VH=L>25==>), <>65 ?@8725AB8 4> @>728B:C =52V4=>2;N20;L=>W 3;CE>B8.
5 <>6=0 ?@87=0G0B8 >4=>G0A=> 420 03;V:>7848 01> 7048= ?@5?0@0B V=H8<, O:I> ?5@H89 03;V:>784

70AB>A>2C2020B8 ?@>BO3<< 7-10 4=V2. >2B>@=89 :C@A <>6=0 ?@>2>48B8 =5 @0=VH5 O: G5@57
4-6 B86=V2.

@8 2V4ACB=>ABV ?>78B82=>W ;V=VG=>W 48=0 ?0<OB0B8 ?@> <>6;82VABL @>728B:C
@578AB5=B=8E >@30=V74V1=8E 28?04:0E =5>1EV4=> 2V47?>G0B8 2V4?>2V4=C B5@0?VN.

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

7207:C 7 B8<, I> 0=8:0T :@V7L ?;0F5=BC B0 <>65 74V9A=N20B8 >B>B>:A8G=C B0 =5D@>B>:A8G=C
4VN =0 ?;V4, ?@5?0@0B ?@>B8?>:070=89 4;O 70AB>AC20==O C ?5@V>4 203VB=>ABV.

A;V;L:8 0=F5=B@0FVOE ?@>=8:0T C 3@C4=5 <>;> B0 <>65 2?;820B8 =0 D;>@C :8H5G=8:C 48B8=8,
O:0 7=0E>48BLAO =0 3@C4=>4C20==V, ?V4 G0A 70AB>AC20==O <VF8;C 3>4C20==O 3@C44N

B@510 ?@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.**

@5?0@0B 7030;>< =5 2?;820T =0 H284:VABL @50:FVW, 0;5 A;V4 2@0E>2C20B8 V<>2V@=VABL B0:8E
?>1VG=8E 5D5:BV2 7 1>:C F5=B@0;L=>W =5@2>2>W A8AB5<8 O: A=>;82VABL, ?>@CH5==O

=5@2>2>-<O7>2>W ?5@540GV.

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

0AB>A>2C20B8 ® 2=CB@VH=L><O7>2> 01> 2=CB@VH=L>25==>.
28G09=V 4>78 4;O 4VB59 2V:< 2V4 12 @>:V2 V 4>@>A;8E ?> 5 <3/:3 :>6=V 8 3>48= 01> ?> 7,5 <3/:3
<0A8 BV;0 :>6=V 12 3>48=. 0:A8<0;L=0 4>70 4;O 4>@>A;8E 15 <3/:3/4>1C. # BO6:8E 28?04:0E B0 ?@>8
V=D5:FVOE, A?@>8G8=5=8E Pseudomonas, 4>1>2C 4>7C @>?>4V;8B8 =0 3 22545==O. 0:A8<0;L=0
4>1>20 4>70 1,5 3. 0:A8<0;L=0 :C@>A>20 4>70 =5 <0T ?5@>528IC20B8 15 3.
"@>820;VABL ;V:C20==O ?@>8 2=CB@VH=L>25==>7 4V1, ?@>8 2=CB@VH=L><□O7>2>
54=>H5=8< =>2>=0@>465=8< ?@>87=0G0B8 C ?>G0B:>2V9 4>7V =0A8G5==O 10 <3/:3 <0A8 BV;0, 0
>?BV< :>6=V 18-24 3>48= ?> 7,5 <3/:3 <0A8 BV;0 ?@>BO3< 7-10 4V1.
>=>H5=8< =>2>=0@>465=8< V 4VBO< 2V:< 4> 12 @>:V2 A?>G0B:C ?@>87=0G0B8 10 <3/:3 <0A8 BV;0,
>?BV< 7,5 <3/:3 <0A8 BV;0 :>6=V 12 3>48= ?@>BO3< 7-10 4V1.
0FVT=B0< V7 =8@>:2>N =54>AB0B=VABN ?>B@>V1=0 :>@>5:FVO @>5687C20==O: 7<5=H5==O 4>78 01>
71V;LH5==O V=B5@>20;V22>W 4>78. >7C 7=86C20B8 70;56=> 2V4 22V B0 <0A8 BV;0 ?0FVT=B0.
=B5@>20; 2V =0 9; =0?@>8;:04, O:I> @>V25=L :@>50B8=V=C 2 <3, ?@>5?0@>0B ?@>87=0G0B8 G5@>57 :>6=V
18 3>48=.

>7G8= ?@>5?0@>0BC ® 3>BC20B8 157?>A5@>54=L> ?5@>54 70AB>AC20==O
2>48B8 ® H;OE< 2=CB@VH=L>25==>W V=DC7VW 4>@>A;8< V 4VBO< ?>B@>V1=>,
28:>@>8AB>2CNG8 >1T< @>V48=8, 4>AB0B=V9 4;O :@>0?:8==>3> 2;820==O, ?@>BO3<< 60-90 E2 (7V
H284:VABN 50 :@>0?5;L 70 1 E2), 0 =>2>=0@>465=8< ?@>BO3<< 1-2 3>48=.

;O 2=CB@VH=L>25==8E V=DC7V9 2=0 @>725AB8 C 100-200 <; 0,9 % @>7G8=C =0B@>VN E;>@>84C
01> 5 % @>7G8=C 3;N:>78.
>=F5=B@>0FVO @>7G8=C 025==>28==0 ?5@>528IC20B8 5 <3/<;. =CB@VH=L>25==C AB@>C<8==C
V=T:FVN B@>V1=> @>18B8 4C65 ?>2V;L=> (?@>BO3< ?@>81;87=> 7 E2).
;O 2=CB@VH=L><O7>28E V=T:FV9 2=0 @>725AB8 C 2-3 <; 2>48 4;O V=T:FV9 V 22>48B8 3;81:>> C
25@>E=V9 7>2=VH=V9 :204@>0=B AV4=8FV.

VB8.

® 70AB>A>2C20B8 7 >15@>56=VABN 4;O ;V:C20==O =54=>H5=8E V 4>=>H5=8E =5<>2;OB, >A:V;L:8
G5@>57 =54>@>728=5==O 284V;L=>W A8AB5<8 282545==O 03;V:>784V2 <>65 ?>4>26C20B8AL,
A?@>8G8=ONG8 O28I0 B>:A8G=>ABV.

5@>54>7C20==O.

>6;820 ?>O20 >B>- B0 =5D@>B>:A8G=>W 4VW ?@>5?0@>0BC B0 >7=0: =59@><O7>2>W 1;>:048: HC< C
2CE0E, A;CE>2V @>7;048, H:V@>=V 28A8?0==O, 3>;>2=89 1V;L,70?0<>@>G5==O, ?@>?0A=8FO,
?0@>5AB57VW, 7=865==O DC=:FVW =8@>: (4> =8@>:2>W =54>AB0B=>ABV), ?@>83=VG5==O 01>
?0@>0;VG 48E0==O, B>:A8G=V @>50:FVW (0B0:AVO, @>7;048 A5G>28?CA:0==O, A?@>030, 7=865==O
0?5B8BC, =C4>B0, 1;N20==O).
V:C20==O: 4;O 7=OBBO 1;>:048 =5@>2>2>-<O7>2>W ?5@>540GV B0 WW =0A;V4:V2 - 35<>4V0;V7 01>
?5@>8B>=50;L=89 4V0;V7; 0=B8E>;V=5AB5@>07=V 70A>18, A>;V :0;L:FN, HBCG=0 25=B8;OFVO
;535=L, V=H0 A8<0B8G=0 V ?V4B@>8

>1VG=V @>50:FVW.

I>:C B@>02=>W A8AB5<8: =C4>B0, 1;N20==O, ?>@>CH5==O DC=:FVW ?5GV=:8 (?V428I5==O
0:B82=>ABV ?5GV=:>28E B@>0=A0
I>:C A8AB5<8 :@>2>B2>@>5==O: 0=5?5=VO, 3@>0=C;>F8B>?5=VO, B@><1>F8B>?5=VO.
I>:C A5@>F52>-AC48==>W A8AB5<8: 20A:C;VB, 0@>B5@>V0;L=0 3V?>B5=7VO.
I>:C F5=B@>0;L=>W =5@>2>2>W A8AB5<8 V ?5@>8D5@>8G=>W =5@>2>2>W A8AB5<8: 3>;>2=89 1V;L,
A>;82VABL, =59@>B>:A8G=0 4VO (?>A<8:C20==O <O7V2, 2V4GCBBO >=V:>;N20==O, 5?V;5?B8G=V
=0?048), ?>@>CH5==O =5@>2>2>-<O7>2>W ?5@>540GV (7C?8=:0 48E0==O).
I>:C >@>30=V2 GCBBO: >B>B>:A8G=VABL (7=865==O A;CEC, HC< C 2CE0E, 25AB81C;O@>=V V
;01V@>8=B=V ?>@>CH5==O, >1>@>B=0 3;CE>B0), B>:A8G=0 4VO =0 25AB81C;O@>=89 0?0@>0B
(48A:>>@>48=0FVO @>CEV2, 70?0<>@>G5==O, =C4>B0, 1;N20==O).
I>:C A5G>284V;L=>W A8AB5<8: =5D@>B>:A8G=VABL ?>@>CH5==O DC=:FVW =8@>: (>;V3C@>VO,
?@>B5W=C@>VO, 35<0BC@>VO, 0;L1CB520 =54>AB0B=VABL.
;5@>3VG=V @>50:FVW: H:V@>=V 28A8?8, A25@>1V6, 3V?5@>5
=HV: @>50:FVW C

"5@ABV.2 @>:8.

#<>28 715@V30==O. 15@V30B8 C =54>ABC?=>@83V=0;L=V9 C?0:>2FV ?@8 B5

5AC

>7G8= 0A5@54=L> 73;V:>7840<8, 7 ?5=VF8;V=0<8, 35?0@8=><, F5D0;>A?>@8=0<8, :0?@5><, 0
B5@8F8=><, BV>?5=B0;><, 3V4@>E;>@>BV0784><, 5@8B@><, =VB@>DC@0=B>W=><, 2VB0
1EV4=>ABV 420 ?@5?0@0B8 22>48B8 >:@5<>, ?>A;V4>2=>.

#?0:>2:0. V>DV;V70B 4;O @>7G8=C 4;O V=T:FV9 C D;0:>=0E.

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

8@>1=8:. " «8W2<54?@5?0@0B».

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

#: @0W=0, 01032, <. 8W2, 2C;. !0:A030=AL:>3>, 139.