

IDTU
INTOXILYZER - ALCOHOL ANALYZER
MODEL 5000EN SN 68-010779
02/18/2010

DIAGNOSTIC TEST 08:31 EST

PROM CHECK	PASSED
Z80 VER - G1776.12	
SLAVE 75_2240	
RAM CHECK	PASSED
TEMP CHECK	PASSED
PROCESSOR CHECK	
MOTOR CHECK	PASSED
EEPROM CHECK	PASSED
SERIAL NO. MATCH	PASSED
RANGE/STABILITY	PASSED
AUTO CAL STATUS	PASSED

RTC CHECK	PASSED
INTERNAL STD	PASSED

DIAGNOSTIC	PASSED
------------	--------

PRINTER CHECK	
ABCDEFGHIJKLMNORSTUVWXYZ	
0123456789	

Obtained by Perlmutter & McGuinness, P.C. in Law Offices of Adam D. Perlmutter, P.C. v. NYPD, et al.,
Case No. 100220/2012 (N.Y. Cty. S. Ct.). WWW.NEWYORKLEGALDEFENSE.COM - (212) 679-1990

***** Solution Data

Sol value = 0 (bac*1000) *****
Fit value = 0 (mg/l * 10000) %%%%

Channel Num 0
(Sample #1 = 0.47)
Sample #2 = 0.82
Sample #3 = 0.04
Sample #4 = 0.61
Avg sum diff = 0.486898
Sample Std Dev = 0.404166
Relative Std Dev = 83.008450

Channel Num 1
(Sample #1 = 2.68)
Sample #2 = 3.42
Sample #3 = 2.79
Sample #4 = 2.53
Avg sum diff = 2.914144
Sample Std Dev = 0.456260
Relative Std Dev = 15.656730

Channel Num 2
(Sample #1 = 7.59)
Sample #2 = 8.85
Sample #3 = 8.26
Sample #4 = 7.78
Avg sum diff = 8.298747
Sample Std Dev = 0.538491
Relative Std Dev = 6.488827

Channel Num 3
(Sample #1 = 2.47)
Sample #2 = 2.57
Sample #3 = 2.72
Sample #4 = 1.90
Avg sum diff = 2.397786
Sample Std Dev = 0.437325
Relative Std Dev = 18.238700

Channel Num 4
(Sample #1 = 30.42)
Sample #2 = 31.51
Sample #3 = 32.51
Sample #4 = 32.42
Avg sum diff = 32.146560
Sample Std Dev = 0.554759
Relative Std Dev = 1.725718

H2O Subt value Ch0 = 0.49
H2O Subt value Ch1 = 2.91
H2O Subt value Ch2 = 8.30
H2O Subt value Ch3 = 2.40
H2O Subt value Ch4 = 32.15

Obtained by Perlmutter & McGuinness, P.C. in Law Offices of Adam D. Perlmutter, P.C. v. NYPD, et al.,
Case No. 100220/2012 (N.Y. Cty. S. Ct.). WWW.NEWYORKLEGALDEFENSE.COM - (212) 679-1990

***** Solution Data

Sol value = 40 (bac*1000) *****
Fit value = 1904 (mg/l * 10000) %%%

Channel Num 0

(Sample #1 = -0.16)
Sample #2 = -0.34
Sample #3 = -0.37
Sample #4 = -0.57
Avg sum diff = -0.427165
Sample Std Dev = 0.127313
Relative Std Dev = -29.804260

Channel Num 1

(Sample #1 = 75.88)
Sample #2 = 76.22
Sample #3 = 76.64
Sample #4 = 75.65
Avg sum diff = 76.168300
Sample Std Dev = 0.494445
Relative Std Dev = 0.649148

Channel Num 2

(Sample #1 = 95.11)
Sample #2 = 96.00
Sample #3 = 96.88
Sample #4 = 95.75
Avg sum diff = 96.211510
Sample Std Dev = 0.595991
Relative Std Dev = 0.619459

Channel Num 3

(Sample #1 = 32.25)
Sample #2 = 31.82
Sample #3 = 32.31
Sample #4 = 31.06
Avg sum diff = 31.728920
Sample Std Dev = 0.633261
Relative Std Dev = 1.995848

Channel Num 4

(Sample #1 = 124.30)
Sample #2 = 125.28
Sample #3 = 126.51
Sample #4 = 125.87
Avg sum diff = 125.883900
Sample Std Dev = 0.614684
Relative Std Dev = 0.488294

Obtained by Perlmutter & McGuinness, P.C. in Law Offices of Adam D. Perlmutter, P.C. v. NYPD, et al.,
Case No. 100220/2012 (NY Cty. S. Ct.). WWW.NEWYORKLEGALDEFENSE.COM - (212) 679-1990

***** Solution Data

Sol value = 80 (bac*1000) *****
Fit value = 3809 (mg/l * 10000) %%%%

Channel Num 0
(Sample #1 = -0.81)
Sample #2 = -0.05
Sample #3 = 0.34
Sample #4 = -0.79
Avg sum diff = -0.167399
Sample Std Dev = 0.573448
Relative Std Dev = -342.563400

Channel Num 1
(Sample #1 = 150.83)
Sample #2 = 151.21
Sample #3 = 152.01
Sample #4 = 151.52
Avg sum diff = 151.578200
Sample Std Dev = 0.400423
Relative Std Dev = 0.264169

Channel Num 2
(Sample #1 = 189.84)
Sample #2 = 190.47
Sample #3 = 191.33
Sample #4 = 191.17
Avg sum diff = 190.989300
Sample Std Dev = 0.459347
Relative Std Dev = 0.240509

Channel Num 3
(Sample #1 = 62.65)
Sample #2 = 63.12
Sample #3 = 62.81
Sample #4 = 62.75
Avg sum diff = 62.892260
Sample Std Dev = 0.202044
Relative Std Dev = 0.321254

Channel Num 4
(Sample #1 = 246.98)
Sample #2 = 249.31
Sample #3 = 250.64
Sample #4 = 250.35
Avg sum diff = 250.100000
Sample Std Dev = 0.702260
Relative Std Dev = 0.280792

Obtained by Perlmutter & McGuinness, P.C. in Law Offices of Adam D. Perlmutter, P.C. v. NYPD, et al.,
Case No. 100220/2012 (N.Y. Cty. S. Ct.). WWW.NEWYORKLEGALDEFENSE.COM - (212) 679-1990

***** Solution Data

Sol value = 100 (bac*1000) *****
Fit value = 4761 (mg/l * 10000) %%%
Channel Num 0
(Sample #1 = -0.91)
Sample #2 = -0.77
Sample #3 = -0.15
Sample #4 = -0.53
Avg sum diff = -0.486003
Sample Std Dev = 0.311475
Relative Std Dev = -64.089250
Channel Num 1
(Sample #1 = 188.76)
Sample #2 = 189.14
Sample #3 = 188.26
Sample #4 = 188.76
Avg sum diff = 188.716100
Sample Std Dev = 0.441291
Relative Std Dev = 0.233839
Channel Num 2
(Sample #1 = 237.35)
Sample #2 = 238.05
Sample #3 = 237.03
Sample #4 = 237.69
Avg sum diff = 237.589300
Sample Std Dev = 0.518237
Relative Std Dev = 0.218123
Channel Num 3
(Sample #1 = 78.47)
Sample #2 = 78.86
Sample #3 = 78.36
Sample #4 = 77.86
Avg sum diff = 78.361730
Sample Std Dev = 0.498903
Relative Std Dev = 0.636666
Channel Num 4
(Sample #1 = 308.86)
Sample #2 = 310.86
Sample #3 = 310.32
Sample #4 = 311.26
Avg sum diff = 310.815200
Sample Std Dev = 0.470488
Relative Std Dev = 0.151372

Obtained by Perlmutter & McGuinness, P.C. in Law Offices of Adam D. Perlmutter, P.C. v. NYPD, et al.,
Case No. 100220/2012 (NY Cty. S. Ct.). WWW.NEWYORKLEGALDEFENSE.COM - (212) 679-1990

***** Solution Data

Sol value = 200 (bac*1000) *****
Fit value = 9523 (mg/l * 10000) %%%%

Channel Num 0

(Sample #1 = -0.46)
Sample #2 = -0.74
Sample #3 = -0.63
Sample #4 = -0.38
Avg sum diff = -0.582601
Sample Std Dev = 0.188140
Relative Std Dev = -32.293160

Channel Num 1

(Sample #1 = 370.03)
Sample #2 = 372.01
Sample #3 = 371.34
Sample #4 = 371.10
Avg sum diff = 371.482600
Sample Std Dev = 0.473433
Relative Std Dev = 0.127444

Channel Num 2

(Sample #1 = 465.34)
Sample #2 = 467.92
Sample #3 = 467.44
Sample #4 = 466.96
Avg sum diff = 467.442300
Sample Std Dev = 0.477906
Relative Std Dev = 0.102238

Channel Num 3

(Sample #1 = 153.63)
Sample #2 = 154.92
Sample #3 = 153.95
Sample #4 = 154.04
Avg sum diff = 154.304300
Sample Std Dev = 0.536866
Relative Std Dev = 0.347927

Channel Num 4

(Sample #1 = 605.38)
Sample #2 = 610.01
Sample #3 = 609.59
Sample #4 = 608.64
Avg sum diff = 609.414000
Sample Std Dev = 0.700504
Relative Std Dev = 0.114947

Obtained by Perlmutter & McGuinness, P.C. in Law Offices of Adam D. Perlmutter, P.C. v. NYPD, et al.,
Case No. 100220/2012 (NY Cty. S. Ct.). WWW.NEWYORKLEGALDEFENSE.COM - (212) 679-1990

***** Solution Data

Sol value = 300 (bac*1000) *****
Fit value = 14285 (mg/l * 10000) %%%%

Channel Num 0

(Sample #1 = -0.66)

Sample #2 = -0.06

Sample #3 = -1.34

Sample #4 = -1.00

Avg sum diff = -0.799642

Sample Std Dev = 0.659777

Relative Std Dev = -82.509020

Channel Num 1

(Sample #1 = 540.31)

Sample #2 = 541.87

Sample #3 = 543.02

Sample #4 = 543.45

Avg sum diff = 542.778600

Sample Std Dev = 0.816982

Relative Std Dev = 0.150518

Channel Num 2

(Sample #1 = 677.88)

Sample #2 = 680.47

Sample #3 = 682.27

Sample #4 = 682.64

Avg sum diff = 681.792100

Sample Std Dev = 1.158349

Relative Std Dev = 0.169898

Channel Num 3

(Sample #1 = 225.66)

Sample #2 = 226.56

Sample #3 = 225.89

Sample #4 = 227.21

Avg sum diff = 226.551800

Sample Std Dev = 0.662984

Relative Std Dev = 0.292641

Channel Num 4

(Sample #1 = 879.61)

Sample #2 = 883.55

Sample #3 = 886.52

Sample #4 = 887.66

Avg sum diff = 885.911600

Sample Std Dev = 2.121523

Relative Std Dev = 0.239473

***** Curve Fit Data

***** Channel Number 0 *****

Sol Val = 1904 Diff = -0.427165

Std Dev = 0.127313

Sol Val = 3809 Diff = -0.167399

Std Dev = 0.573448

Sol Val = 4761 Diff = -0.486003

Std Dev = 0.311475

Sol Val = 9523 Diff = -0.582601

Std Dev = 0.188140

Obtained by Perlmutter & McGuinness, P.C. in Law Offices of Adam D. Perlmutter, P.C. v. NYPD, et al.,
Case No. 10020/2012 (NY Cty. S. Ct.). WWW.NEYORKLEGALDEFENSE.COM - (212) 679-1990

Sol Val = 14285 Diff = -0.799642
Std Dev = 0.659777
Slope = -18120.430000
Y intercept = -2069.033000
Correlation Coef r = -0.833150

***** Channel Number 1 *****

Sol Val = 1904 Diff = 76.168300
Std Dev = 0.494445

Sol Val = 3809 Diff = 151.578200
Std Dev = 0.400423

Sol Val = 4761 Diff = 188.716100
Std Dev = 0.441291

Sol Val = 9523 Diff = 371.482600
Std Dev = 0.473433

Sol Val = 14285 Diff = 542.778600
Std Dev = 0.816982
Slope = 26.521040
Y intercept = -202.037100
Correlation Coef r = 0.999832 ✓

***** Channel Number 2 *****

Sol Val = 1904 Diff = 96.211510
Std Dev = 0.595991

Sol Val = 3809 Diff = 190.989300
Std Dev = 0.459347

Sol Val = 4761 Diff = 237.589300
Std Dev = 0.518237

Sol Val = 9523 Diff = 467.442300
Std Dev = 0.477906

Sol Val = 14285 Diff = 681.792100
Std Dev = 1.158349
Slope = 21.127870
Y intercept = -217.315400
Correlation Coef r = 0.999813 ✓

***** Channel Number 3 *****

Sol Val = 1904 Diff = 31.728920
Std Dev = 0.633261

Sol Val = 3809 Diff = 62.892260
Std Dev = 0.202044

Sol Val = 4761 Diff = 78.361730
Std Dev = 0.498903

Sol Val = 9523 Diff = 154.304300
Std Dev = 0.536866

Obtained by Permuter & McGinness, P.C. in Law Offices of Adam D. Perlmutter, P.C. v. NYPD, et al.,
Case No. 2002/20/2013 (N.Y. Cty. 5 Ct.). WWW.NEWYORKLEGALDEFENSE.COM - (212) 679-1990

Sol Val = 14285 Diff = 226.551800
Std Dev = 0.662984
Slope = 63.535270
Y intercept = -181.262700
Correlation Coef r = 0.999894 ✓

***** Channel Number 4 *****

Sol Val = 1904 Diff = 125.883900
Std Dev = 0.614684

Sol Val = 3809 Diff = 250.100000
Std Dev = 0.702260

Sol Val = 4761 Diff = 310.815200
Std Dev = 0.470488

Sol Val = 9523 Diff = 609.414000
Std Dev = 0.700504

Sol Val = 14285 Diff = 885.911600
Std Dev = 2.121523
Slope = 16.282350
Y intercept = -249.621600
Correlation Coef r = 0.999761 ✓

CH 0 A/D 3464.458000 ✓
CH 0 D/A 123
DVM Constant = -4.365379
Voltage = -5.276258

CH 1 A/D 3459.784000 ✓
CH 1 D/A 19
DVM Constant = -1.517254
Voltage = -2.426903

CH 2 A/D 3536.628000 ✓
CH 2 D/A 19
DVM Constant = -1.517254
Voltage = -2.447167

CH 3 A/D 3504.739000 ✓
CH 3 D/A 37
DVM Constant = -2.010198
Voltage = -2.931668

CH 4 A/D 3475.208000 ✓
CH 4 D/A 31
DVM Constant = -1.845883
Voltage = -2.759589

Obtained by Perlmutter & McGuinness, P.C. in Law Offices of Adam D. Perlmutter, P.C. v. NYPD, et al.,
Case No. 100/20/2012 (N.Y. City S. Ct.). WWW.NEWYORKLEGALDEFENSE.COM - (212) 679-1990

***** Acetone Subtract

CHANNEL 1

Sample #1 = -205.00
Sample #2 = -183.00
Sample #3 = -213.00
Sample #4 = -210.00
Avg sum of diff = -202.75
Sample Std Dev = 13.57
REL STD DEV = -6.69 %

CHANNEL 2

Sample #1 = -204.00
Sample #2 = -191.00
Sample #3 = -217.00
Sample #4 = -213.00
Avg sum of diff = -206.25
Sample Std Dev = 11.53
REL STD DEV = -5.59 %

CHANNEL 3

Sample #1 = -254.00
Sample #2 = -146.00
Sample #3 = -185.00
Sample #4 = -134.00
Avg sum of diff = -179.75
Sample Std Dev = 54.08
REL STD DEV = -30.08 %

CHANNEL 4

Sample #1 = -251.00
Sample #2 = -229.00
Sample #3 = -244.00
Sample #4 = -230.00
Avg sum of diff = -238.50
Sample Std Dev = 10.79
REL STD DEV = -4.52 %

Obtained by Perlmutter & McGuinness, P.C. in Law Offices of Adam D. Perlmutter, P.C. v. NYPD, et al.,
Case No. 100220/2012 (N.Y. Cty. S. Ct.). WWW.NEWYORKLEGALDEFENSE.COM - (212) 679-1990

CHANNEL 1

Sample #1 = 2490.00
Sample #2 = 2472.00
Sample #3 = 2461.00
Sample #4 = 2459.00
Avg sum of diff = 2470.50
Sample Std Dev = 14.20
REL STD DEV = 0.57 %

CHANNEL 2

Sample #1 = 7221.00
Sample #2 = 7207.00
Sample #3 = 7180.00
Sample #4 = 7176.00
Avg sum of diff = 7196.00
Sample Std Dev = 21.62
REL STD DEV = 0.30 %

CHANNEL 3

Sample #1 = 3593.00
Sample #2 = 3613.00
Sample #3 = 3575.00
Sample #4 = 3584.00
Avg sum of diff = 3591.25
Sample Std Dev = 16.26
REL STD DEV = 0.45 %

CHANNEL 4

Sample #1 = 8054.00
Sample #2 = 8043.00
Sample #3 = 8023.00
Sample #4 = 8024.00
Avg sum of diff = 8036.00
Sample Std Dev = 15.12
REL STD DEV = 0.19 %

AFFECT of ACETONE (MG/L)

348 = 2673.250000

339 = 7402.250000

ACETONE CONSTANT = 1.769008

Obtained by Perlmutter & McGuinness, P.C. in Law Offices of Adam D. Perlmutter, P.C. v. NYPD, et al.,
Case No. 100220/2012 (N.Y. Cty. S. Ct.). WWW.NEWYORKLEGALDEFENSE.COM - (212) 679-1990

Auto cal data print 90
Serial 779 02/18/10 09:05

Channel 0

A/D 3464 D/A 123
DVM Constant = -4.37
Voltage = -5.28

-5.25 ± .02

Meas. Channel 1

Slope = 26.52
Y intercept = -202.04
H2O subtract = 2.91

A/D 3460 D/A 19
DVM Constant = -1.52
Voltage = -2.43

Channel 2

Slope = 21.13
Y intercept = -217.32
H2O subtract = 8.30

A/D 3537 D/A 19
DVM Constant = -1.52
Voltage = -2.45

Channel 3

Slope = 63.54
Y intercept = -181.26
H2O subtract = 2.40

A/D 3505 D/A 37
DVM Constant = -2.01
Voltage = -2.93

Channel 4

Slope = 16.28
Y intercept = -249.62
H2O subtract = 32.15

A/D 3475 D/A 31
DVM Constant = -1.85
Voltage = -2.76
acetone subt = 1.769008

Obtained by Perlmutter & McGuinness, P.C. in Law Offices of Adam D. Perlmutter, P.C. v. NYPD, et al.,
Case No. 100220/2012 (N.Y. Cty. S. Ct.). WWW.NEYORKLEGALDEFENSE.COM - (212) 679-1990

IDTU
INTOXILYZER - ALCOHOL ANALYZER
MODEL 5000EN SN 68-010779
02/18/2010

TEST	%BrAC	TIME
AIR BLANK	.000	09:12EST
CAL. CHECK	.099	09:12EST
AIR BLANK	.000	09:12EST
CAL. CHECK	.099	09:13EST
AIR BLANK	.000	09:13EST
CAL. CHECK	.099	09:13EST
AIR BLANK	.000	09:13EST
CAL. CHECK	.099	09:14EST
AIR BLANK	.000	09:14EST
CAL. CHECK	.099	09:14EST
AIR BLANK	.000	09:15EST
NO. OF SAMPLES:	05	
MEAN:	.0990	
STD. DEVIATION:	.0000000	

Obtained by Perlmutter & McGuinness, P.C. in Law Offices of Adam D. Perlmutter, P.C. v. NYPD, et al.,
Case No. 100220/2012 (N.Y. Cty. S. Ct.). WWW.NEYORKLEGALDEFENSE.COM - (212) 679-1990

IDTU
INTOXILYZER - ALCOHOL ANALYZER
MODEL 5000EN SN 68-010779
02/18/2010

TEST	%BrAC	TIME
AIR BLANK	.000	09:16EST
INTERNAL 1	.099	09:16EST
INTERNAL 2	.200	09:16EST
INTERNAL 3	.300	09:16EST
AIR BLANK	.000	09:16EST

Obtained by Perlmutter & McGuinness, P.C. in Law Offices of Adam D. Perlmutter, P.C. v. NYPD, et al.,
Case No. 100220/2012 (N.Y. Cty. S. Ct.). WWW.NEYORKLEGALDEFENSE.COM - (212) 679-1990