

CERTIFICATE

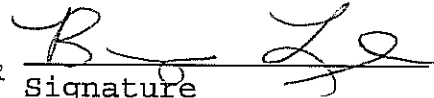
I HEREBY CERTIFY to the best of my knowledge, information, and belief, and subject to the penalties of perjury, the following:

I am the custodian of records for the attached from the Office of the Chief Medical Examiner. The attached records (A) were made, at or near the time of the occurrence of the matters set forth, by (or from information transmitted by) a person with knowledge of those matters, (B) were made and kept in the course of a regularly conducted business activity, and (C) were made and kept by the regularly conducted business activity as a regular practice.

7/14/11  
Date

BARBY LEVINE

EXAMINER

  
Signature

OFFICE OF THE CHIEF MEDICAL

CUSTODIAN OF RECORDS

900 W. BALTIMORE ST.

BALTIMORE, MD 21223

Printed or typed name  
and business address  
CUSTODIAN OF RECORDS

STATE OF MARYLAND

OFFICE OF THE CHIEF MEDICAL EXAMINER

DAVID R. FOWLER, M.D.  
CHIEF MEDICAL EXAMINER

JACK M. TITUS, M.D.  
DEPUTY CHIEF MEDICAL EXAMINER

MARY G. RIPPLE, M.D.  
DEPUTY CHIEF MEDICAL EXAMINER

BARRY LEVINE, PH.D.  
TOXICOLOGIST

FORENSIC MEDICINE CENTER  
111 PENN STREET

BALTIMORE, MARYLAND 21201-1020  
PHONE (410) 333-3250  
FAX (410) 333-3053

POST MORTEM  
EXAMINERS COMMISSION

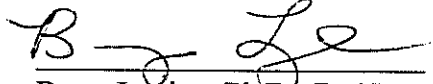
SANFORD A. STASS, M.D. - Chairman  
BROOKS JACKSON, M.D. - Vice Chairman

JOSHUA SHARFSTEIN, M.D.  
JOHN M. COLMERS  
SUPERINTENDENT TERRENCE SHERIDAN

To whom it may concern,

This is to certify that Barry Levine, Ph.D., D-ABFT performed the validation testing on solution 10090.

I solemnly affirm under penalties of perjury that the contents of this paper are true to the best of my knowledge, information and belief.

  
Barry Levine, Ph.D., D-ABFT  
Toxicologist

4/8/10

Date

STATE OF MARYLAND

OFFICE OF THE CHIEF MEDICAL EXAMINER

DAVID R. POWLER, M.D.  
CHIEF MEDICAL EXAMINER

JACK W. TITUS, M.D.  
DEPUTY CHIEF MEDICAL EXAMINER

MARY G. RIPPLE, M.D.  
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BALTIMORE, MARYLAND 21201-1029  
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EXAMINERS COMMISSION

DAVID R. STASS, M.D. - Chairman  
BROOKS JACKSON, M.D. - Vice Chairman


JOSHUA SHARFSTEIN, M.D.  
JOHN M. COLMERS  
SUPERINTENDENT TERENCE SHEPARD

Date April 8, 2010

TO WHOM IT MAY CONCERN:

This is to certify that Alcohol Reference Solution for Simulators, Control/Lot Number 10090, with expiration date of 3-30-12, as distributed by Guth Laboratories, Inc., was analyzed at the Office of the Chief Medical Examiner and is approved for use in conjunction with breath testing instruments for validation of tests to determine the alcohol content of breath in the State of Maryland.

I solemnly affirm under penalties of perjury that the contents of this paper are true to the best of my knowledge, information and belief.

  
Barry Levine, Ph.D., D-ABFT  
Toxicologist

PMEC-2

STATE OF MARYLAND

DAMIAN P. ROWAN, M.D.  
CHIEF MEDICAL EXAMINER

OFFICE OF THE CHIEF MEDICAL EXAMINER

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EXAMINERS COMMISSION

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DEPUTY CHIEF MEDICAL EXAMINER

FORENSIC MEDICINE CENTER  
111 PENN STREET

SANFORD A. STAST, M.D. - Chairman  
BROOKS JACKSON, M.D. - Vice Chairman

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BALTIMORE, MARYLAND 21201-1601  
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JOSHUA SHARFSTEIN, M.D.  
JOHN M. COLNERS  
SUPERINTENDENT TERRENCE SHERIDAN

BARRY LEVINE, Ph.D.  
TOXICOLOGIST

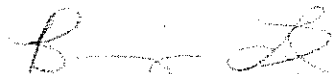
**CERTIFICATE OF ANALYSIS  
ALCOHOL REFERENCE SOLUTION**

LOT NO. 10090  
EXPIRATION DATE 3-30-12  
DATE TESTED 4-8-10

This Alcohol Reference Solution, provided by Guth Laboratories, Inc., was tested at the Toxicology Laboratory, Office of the Chief Medical Examiner according to the Regulations of the Toxicologist, Postmortem Examiners Commission, State of Maryland, Regarding Tests of Breath and Blood for Alcohol and was found to contain 0.097 % (w/v) ethanol.

This solution (at 34 °C) will give a reading of 0.08 g/210L in alcohol breath testing devices.

No interfering substances were detected.

  
Barry Levine, Ph.D., D-ABFT  
Toxicologist



OFFICE OF THE CHIEF MEDICAL EXAMINER

DATE: \_\_\_\_\_

NAME: NIST-Traceable Lots

CASE: \_\_\_\_\_

ALCOHOL REFERENCE

CERILLIANT

SOLUTION LOT

LOT

03130

35127-53

04010

35127-53

04080

35127-53

04170

35127-53

~~05~~05170

35127-53

06080

FN091405-01

06280

FN091405-01

07040

FN091405-01

07210

FN091405-01

08060

FN091405-01

08290

FN091405-01

09080

FN101206-01

09280

FN020108-01

10090

FN020108-01



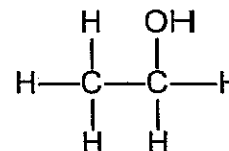
# Certificate of Analysis

ISO GUIDE 34  
ACCREDITED  
CERTIFICATE NUMBER  
ISO/IEC 17025  
ACCREDITED  
CERTIFICATE NUMBER  
ISO 9001:2000  
ACCREDITED  
CERTIFICATE NUMBER

## Ethanol-150

*Ethyl alcohol*

**Catalog Number:** E-041  
**Solution Lot:** FN020108-01  
**Expiration Date:** February 2013  
**Diluent:** Water  
**Volume per Ampule:** 1.2 mL  
**Storage:** Protect from light, refrigerate. Do not freeze.  
**Intended Use:** For laboratory use only. Not suitable for human or animal consumption.



- Expiration Date has been established through real time stability studies.
- Ampules are overfilled to ensure a minimum 1.2 mL volume fill. We advise laboratories to use measured volumes of this standard solution before diluting to the desired concentration.

Component	Chromatographic Purity	Concentration
Ethanol	100%	150.0 ± 4.7 mg/dL
<ul style="list-style-type: none"> <li>• Chromatographic purity of the solution is verified post ampuling to provide assurance of no contamination or degradation during manufacturing.</li> <li>• The range of concentration is determined by statistical process control of our production and analysis systems with a 95% confidence.</li> </ul>		

### Traceability

- The standard and its preparation are fully traceable to the SI through NIST.
- Gravimetrically prepared using qualified balances calibrated semi-annually by Mettler Toledo, an ISO/IEC 17025 accredited company, using NIST traceable weights. Calibration verification performed weekly through the range of the balance and then prior to each use. All calibration verifications are performed utilizing NIST traceable weights which are externally calibrated on an annual basis by a qualified ISO 17025 accredited calibration laboratory. Weigh tapes verifying pre-use balance calibration are included in the production batch record for this standard. Each balance has been assigned a minimum weighing by Mettler Toledo taking into consideration the balance and installed environmental conditions to ensure weighing complies with USP tolerances of no more than 0.1% relative error.
- Concentration is analytically verified by multiple analyses to a calibration curve prepared from a NIST SRM.

Cerilliant certifies that this standard meets the specifications stated in this certificate and warrants this product to meet the stated acceptance criteria through the expiration/retest date.

Authorized Signature:

Lara Sparks, Quality Assurance Director

April 22, 2009

Date

LEVEL: 1

RECALIBRATIONS: 1

CAL#	RT	LU	AMT	AMT/AREA
1R	1.205	1	1.5000E-01	4.2956E-08
2S	2.204	1	2.0000E-02	3.1889E-09

CAL#	NAME
1	ETHANOL
2	N-PROPANOL

CALIBRATION OPTIONS

RF of uncalibrated peaks .... 0.0000E+00  
 Calibration fit ..... P  
 Disable post-run RT update .. NO  
 ISTD peak # ..... 2  
 ISTD AMT ..... 2.0000E-02  
 SAMPLE AMT ..... 0.0000E+00  
 MUL FACTOR ..... 1.0000E+00

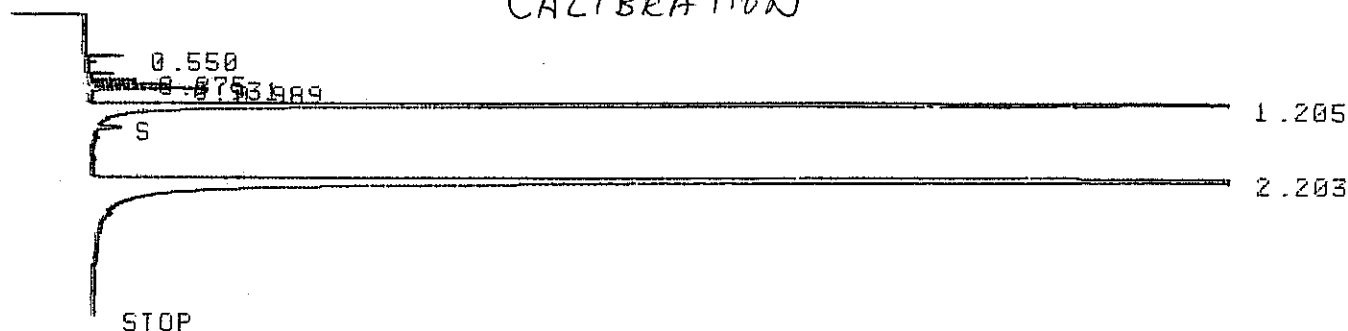
\*SET RUNNUM 1

ALCOHOL REFERENCE SOLUTION 10090

\* RUN # 1 APR 8, 2010 06:20:20

START

CALIBRATION



RUN# 1 APR 8, 2010 06:20:20

SAMPLE NAME: CAL 1  
METHOD NAME: M\*ALC.MET

ISTD-AREA

RT	AREA	TYPE	CAL#	AMOUNT
.875	27154	BU		.000
.931	52871	UU		.000
.989	74641	UB		.000
1.205	3611206	SPB	1R	.150
2.203	6487066	SPB	2S	

TOTAL AREA=1.0253E+07  
 MUL FACTOR=1.0000E+00  
 ISTD AMT=2.0000E-02

ISTD  
REF % RTW: 5.000 NON-REF % RTW: 5.000

LEVEL: 1 RECALIBRATIONS: 2

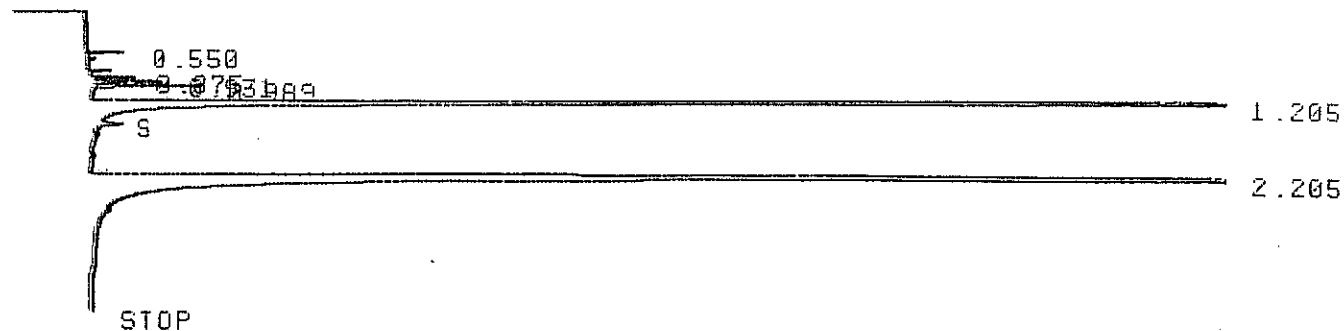
CAL#	RT	LU	AMT	AMT/AREA
1R	1.205	1	1.5000E-01	4.2235E-08
2S	2.203	1	2.0000E-02	3.1351E-09

- 1 ETHANOL
- 2 N-PROPANOL

CALIBRATION OPTIONS

RF of uncalibrated peaks .... 0.0000E+00  
 Calibration fit ..... P  
 Disable post-run RT update .. NO  
 ISTD peak # ..... 2  
 ISTD AMT ..... 2.0000E-02  
 SAMPLE AMT ..... 0.0000E+00  
 MUL FACTOR ..... 1.0000E+00

\* RUN # 2 APR 8, 2010 06:26:22  
 START



RUN# 2 APR 8, 2010 06:26:22

SAMPLE NAME: CAL 2  
 METHOD NAME: M\*ALC.MET

ISTD-AREA

RT	AREA	TYPE	CAL#	AMOUNT
.875	27260	BU		.000
.931	50813	VU		.000
.989	70264	UB		.000
1.205	3599709	SPB	1R	.150
2.205	6458080	SPB	2S	

TOTAL AREA=1.0206E+07  
 MUL FACTOR=1.0000E+00  
 ISTD AMT=2.0000E-02

ISTD

REF % RTW: 5.000 NON-REF % RTW: 5.000

LEVEL: 1 RECALIBRATIONS: 3

CAL#	RT	LV	AMT	AMT/AREA
1R	1.205	1	1.5000E-01	4.2045E-08
2S	2.203	1	2.0000E-02	3.1223E-09

- CAL# NAME
- 1 ETHANOL
- 2 N-PROPANOL

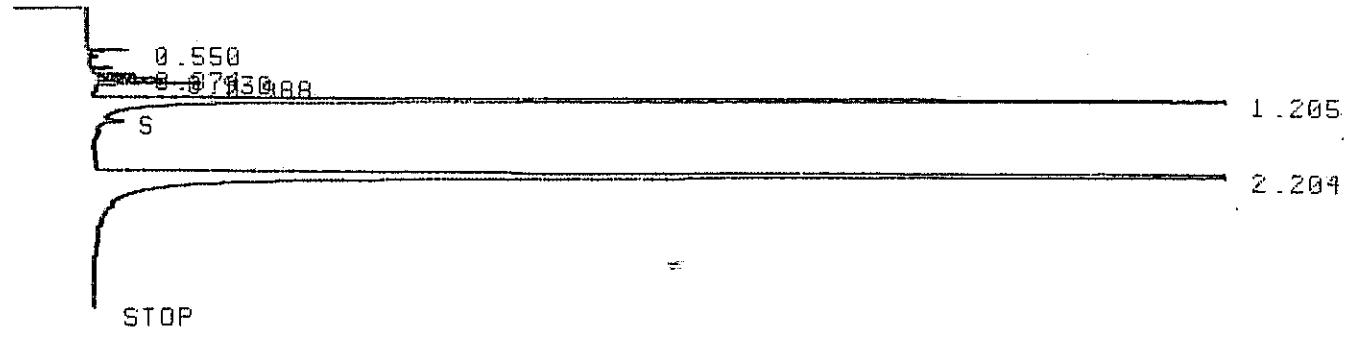
CALIBRATION OPTIONS

RF of uncalibrated peaks .... 0.0000E+00  
 Calibration fit ..... P



ISTD AMT ..... 2.0000E-02  
SAMPLE AMT ..... 0.0000E+00  
MUL FACTOR ..... 1.0000E+00

\* RUN # 3 APR 8, 2010 06:32:10  
START



RUN# 3 APR 8, 2010 06:32:10

SAMPLE NAME: CAL 3  
METHOD NAME: M\*ALC.MET

RT	AREA	TYPE	CAL#	AMOUNT
.874	26553	BU		.000
.930	48556	VU		.000
.988	66805	VB		.000
1.205	3599022	SPB	1R	.150
2.204	6479706	SBB	2S	

TOTAL AREA=1.0221E+07  
MUL FACTOR=1.0000E+00  
ISTD AMT=2.0000E-02

ISTD  
REF % RTW: 5.000 NON-REF % RTW: 5.000

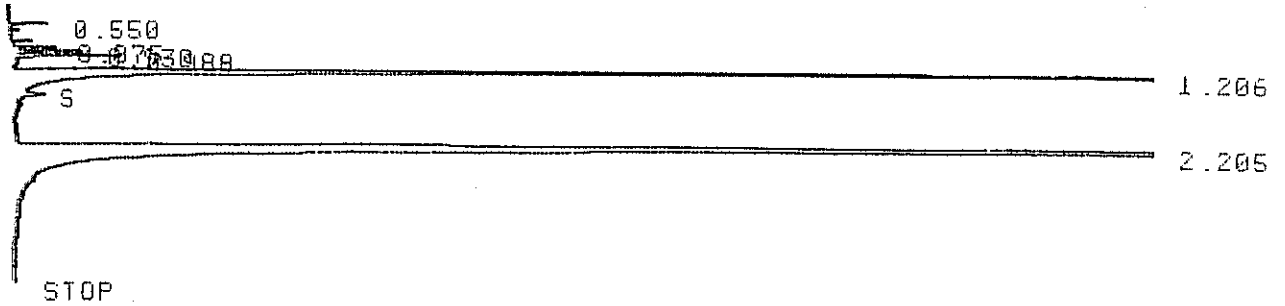
LEVEL: 1 RECALIBRATIONS: 4

CAL#	RT	LU	AMT	AMT/AREA
1R	1.205	1	1.5000E-01	4.1953E-08
2S	2.203	1	2.0000E-02	3.1133E-09

CAL#	NAME
1	ETHANOL
2	N-PROPANOL

CALIBRATION OPTIONS  
 RF of uncalibrated peaks .... 0.0000E+00  
 Calibration fit ..... P  
 Disable post-run RT update .. NO  
 ISTD peak # ..... 2  
 ISTD AMT ..... 2.0000E-02  
 SAMPLE AMT ..... 0.0000E+00  
 MUL FACTOR ..... 1.0000E+00

\* RUN # 4 APR 8, 2010 06:38:12



10427

RUN# 4 APR 8, 2010 06:38:12

SAMPLE NAME: CAL 4  
METHOD NAME: M\*ALC.MET

RT	AREA	TYPE	CAL#	AMOUNT
.875	26641	BU		.000
.930	49167	UU		.000
.988	68700	UB		.000
1.206	3453976	SBB	1R	.151
2.205	6155629	SPB	2S	

TOTAL AREA=9.7541E+06  
MUL FACTOR=1.0000E+00  
ISTD AMT=2.0000E-02

ISTD  
REF % RTW: 5.000 NON-REF % RTW: 5.000

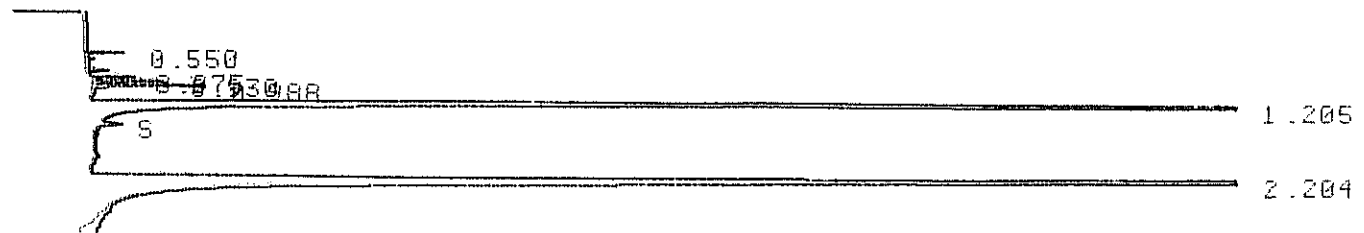
LEVEL: 1 RECALIBRATIONS: 5

CAL#	RT	LU	AMT	AMT/AREA
1R	1.205	1	1.5000E-01	4.2240E-08
2S	2.203	1	2.0000E-02	3.1395E-09

CAL#	NAME
1	ETHANOL
2	N-PROPANOL

CALIBRATION OPTIONS  
RF of uncalibrated peaks .... 0.0000E+00  
Calibration fit ..... P  
Disable post-run RT update .. NO  
ISTD peak # ..... 2  
ISTD AMT ..... 2.0000E-02  
SAMPLE AMT ..... 0.0000E+00  
MUL FACTOR ..... 1.0000E+00

\* RUN # 5 APR 8, 2010 06:44:14  
START



STOP

RUN# 5 APR 8, 2010 06:44:14

SAMPLE NAME: CAL 5  
METHOD NAME: M\*ALC.MET

ISTD-AREA

RT	AREA	TYPE	CAL#	AMOUNT
.875	28854	BU		.000
.930	52926	UU		.000
.988	71920	UB		.000
1.205	3533562	SPB	1R	.149
2.204	6379517	SPB	2S	

TOTAL AREA=1.0067E+07  
MUL FACTOR=1.0000E+00  
ISTD AMT=2.0000E-02

ISTD  
REF % RTW: 5.000 NON-REF % RTW: 5.000

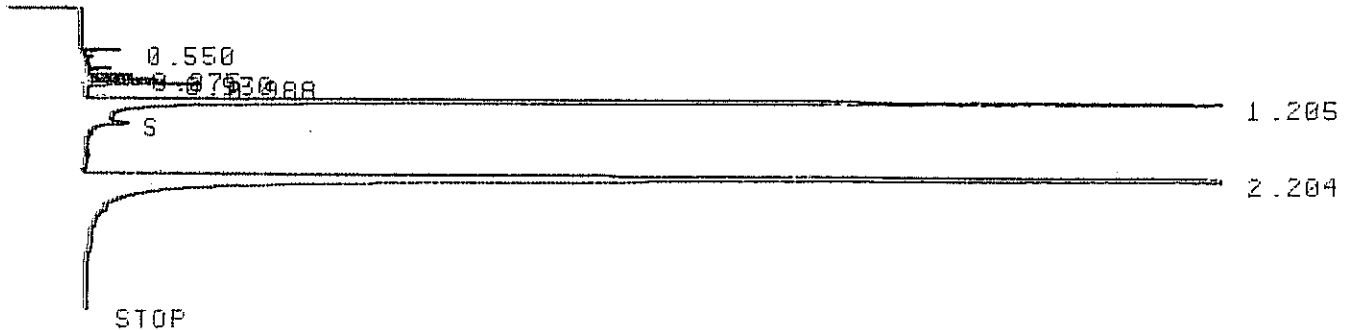
LEVEL: 1 RECALIBRATIONS: 6

CAL#	RT	LU	AMT	AMT/AREA
1R	1.205	1	1.5000E-01	4.2275E-08
2S	2.203	1	2.0000E-02	3.1388E-09

CAL#	NAME
1	ETHANOL
2	N-PROPANOL

CALIBRATION OPTIONS  
RF of uncalibrated peaks .... 0.0000E+00  
Calibration fit ..... P  
Disable post-run RT update .. NO  
ISTD peak # ..... 2  
ISTD AMT ..... 2.0000E-02  
SAMPLE AMT ..... 0.0000E+00  
MUL FACTOR ..... 1.0000E+00

\* RUN # 6 APR 8, 2010 06:53:38 BULK-TOP  
START



RUN# 6 APR 8, 2010 06:53:38

10428

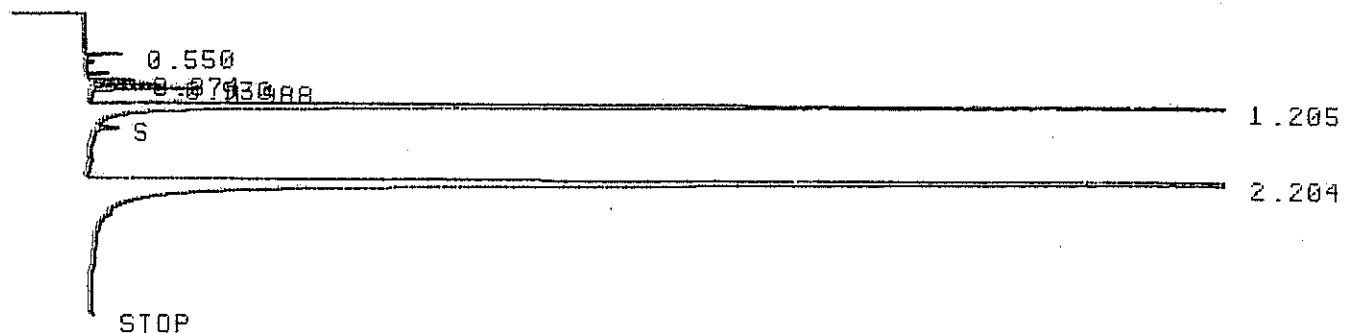
ISTD-AREA

RT	AREA	TYPE	CAL#	AMOUNT
.875	24969	BU		.000
.930	48641	UU		.000
.988	69932	UB		.000
1.205	2295904	SPB	1R	.097
2.204	6402771	SBB	2S	

TOTAL AREA=8.8422E+06  
MUL FACTOR=1.0000E+00  
ISTD AMT=2.0000E-02

\* RUN # 7 APR 8, 2010 06:59:45

START



RUN# 7 APR 8, 2010 06:59:45

METHOD NAME: M\*ALC.MET

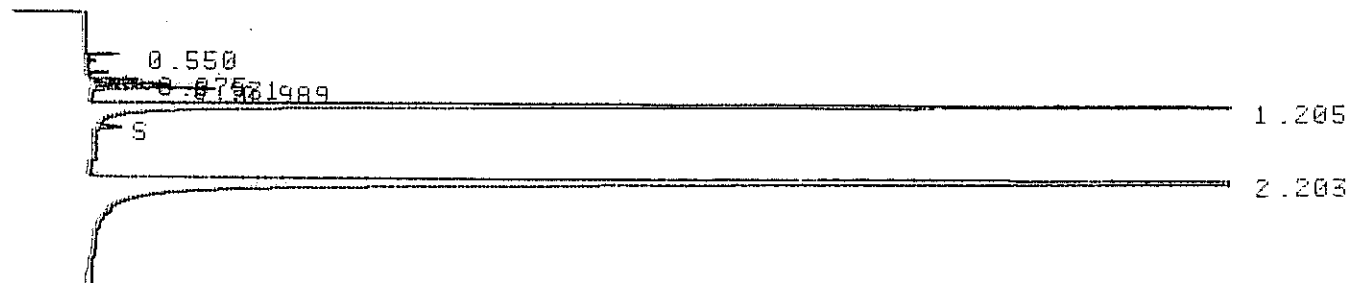
ISTD-AREA

RT	AREA	TYPE	CAL#	AMOUNT
.874	27077	BU		.000
.930	50985	UU		.000
.988	69822	UB		.000
1.205	2402698	SPB	1R	.098
2.204	6620083	SBB	2S	

TOTAL AREA=9.1707E+06  
MUL FACTOR=1.0000E+00  
ISTD AMT=2.0000E-02

\* RUN # 8 APR 8, 2010 07:05:46

START



RUN# 8 APR 8, 2010 07:05:46

METHOD NAME: M\*ALC.MET

ISTD-AREA

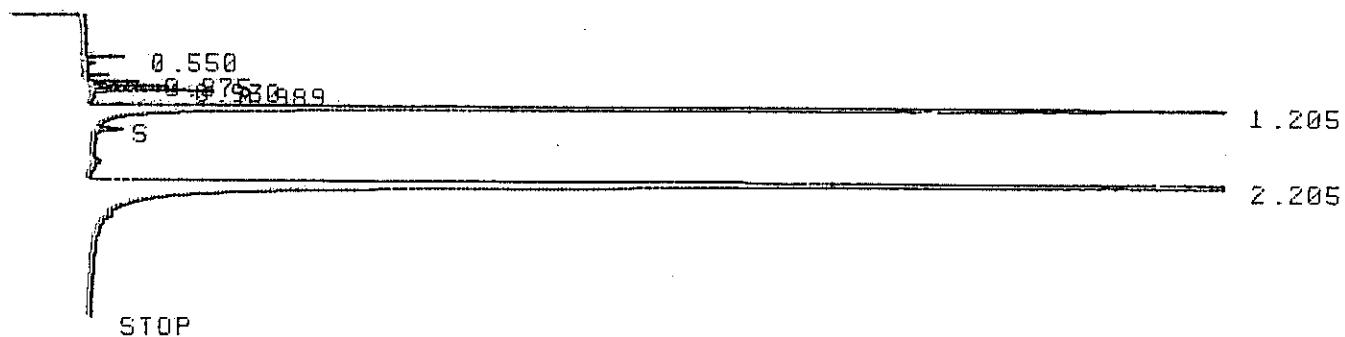
RT	AREA	TYPE	CAL#	AMOUNT
.875	29507	BU		.000
.931	54905	UU		.000
.989	77261	UB		.000
1.205	2411688	SPB	1R	.098
2.203	6652883	SPB	2S	

TOTAL AREA=9.2262E+06  
 MUL FACTOR=1.0000E+00  
 ISTD AMT=2.0000E-02

BULK-MIDDLE

\* RUN # 9 APR 8, 2010 07:11:48

START



RUN# 9 APR 8, 2010 07:11:48

METHOD NAME: M\*ALC.MET

ISTD-AREA

RT	AREA	TYPE	CAL#	AMOUNT
.875	29349	BU		.000
.930	54749	UU		.000
.989	76182	UB		.000
1.205	2348021	SPB	1R	.098
2.205	6469392	SPB	2S	

TOTAL AREA=8.9777E+06  
 MUL FACTOR=1.0000E+00  
 ISTD AMT=2.0000E-02

\* RUN # 10 APR 8, 2010 07:17:49

START



STOP

RUN# 10 APR 8, 2010 07:17:49

METHOD NAME: M\*ALC.MET

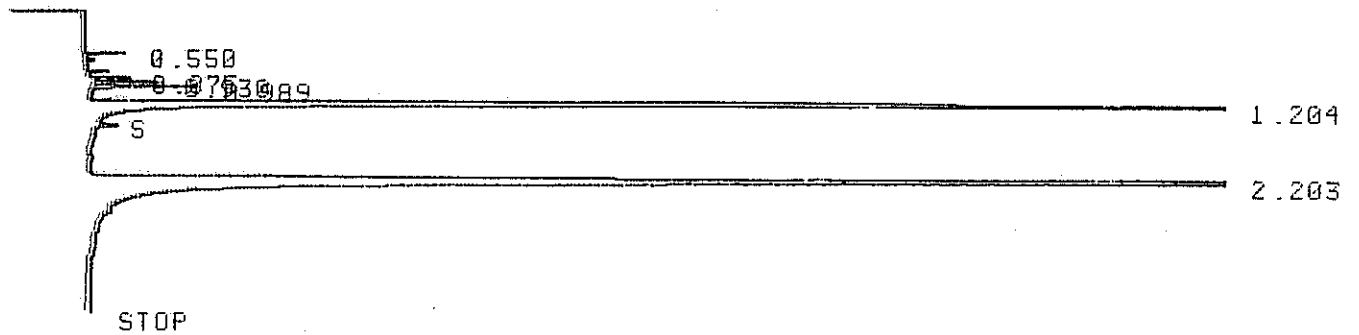
ISTD-AREA

RT	AREA	TYPE	CAL#	AMOUNT
.875	31885	BU		.000
.931	59432	UU		.000
.989	82849	UB		.000
1.205	2339530	SPB	1R	.098
2.204	6449235	SPB	2S	

TOTAL AREA=8.9629E+06  
 MUL FACTOR=1.0000E+00  
 ISTD AMT=2.0000E-02

\* RUN # 11 APR 8, 2010 07:23:32

START



STOP

RUN# 11 APR 8, 2010 07:23:32

METHOD NAME: M\*ALC.MET

ISTD-AREA

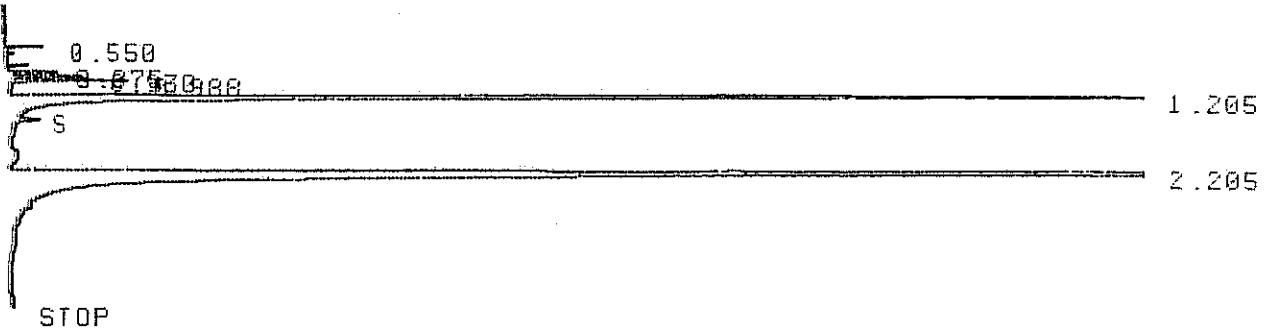
RT	AREA	TYPE	CAL#	AMOUNT
.875	26768	BU		.000
.930	49272	UU		.000
.989	68566	UB		.000
1.204	2329061	SPB	1R	.097
2.203	6490496	SPB	2S	

TOTAL AREA=8.9642E+06  
 MUL FACTOR=1.0000E+00  
 ISTD AMT=2.0000E-02

START

BULK-BOTTOM

10432



RUN# 12 APR 8, 2010 07:29:47

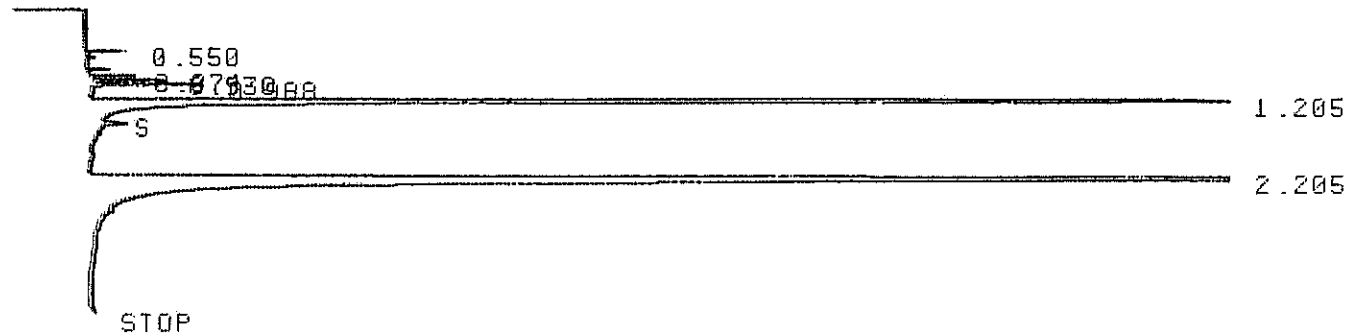
METHOD NAME: M\*ALC.MET

RT	AREA	TYPE	CAL#	AMOUNT
.875	29153	BU		.000
.930	54372	UU		.000
.988	75426	UB		.000
1.205	2334986	SBB	1R	.098
2.205	6407258	SPB	2S	

TOTAL AREA=8.9012E+06  
 MUL FACTOR=1.0000E+00  
 ISTO AMT=2.0000E-02

\* RUN # 13 APR 8, 2010 07:35:55

START



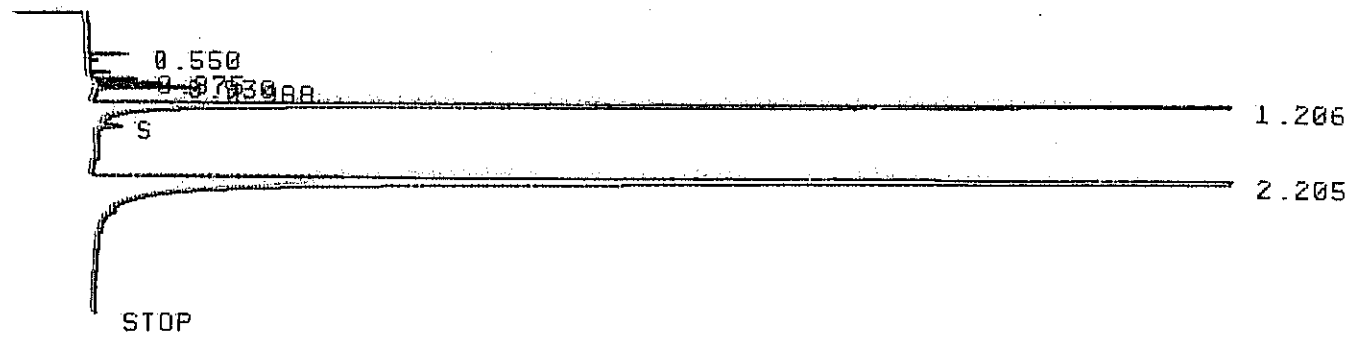
RUN# 13 APR 8, 2010 07:35:55

METHOD NAME: M\*ALC.MET

RT	AREA	TYPE	CAL#	AMOUNT
.874	27762	BU		.000
.930	52347	UU		.000
.988	70583	UB		.000
1.205	2476160	SBB	1R	.096
2.205	6962061	SPB	2S	

TOTAL AREA=9.5889E+06  
 MUL FACTOR=1.0000E+00

\* RUN # 14 APR 8, 2010 07:41:56  
START



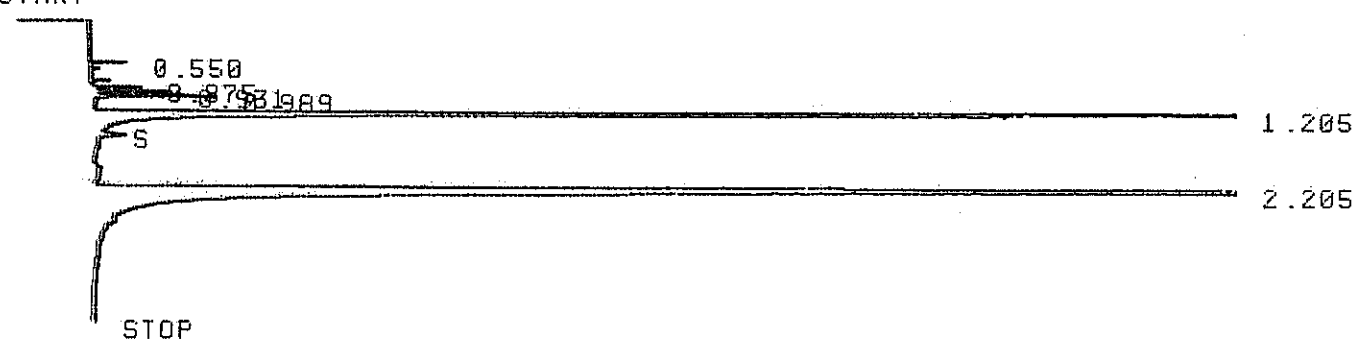
RUN# 14 APR 8, 2010 07:41:56

METHOD NAME: M\*ALC.MET

RT	AREA	TYPE	CAL#	AMOUNT
.875	27532	BU		.000
.930	51168	UU		.000
.988	68501	UB		.000
1.206	2340480	SPB	1R	.096
2.205	6534931	SBB	2S	

TOTAL AREA=9.0226E+06  
MUL FACTOR=1.0000E+00  
ISTD AMT=2.0000E-02

\* RUN # 15 APR 8, 2010 07:47:51 START RUN



RUN# 15 APR 8, 2010 07:47:51

METHOD NAME: M\*ALC.MET

RT	AREA	TYPE	CAL#	AMOUNT
.875	29883	BU		.000
.931	55579	UU		.000

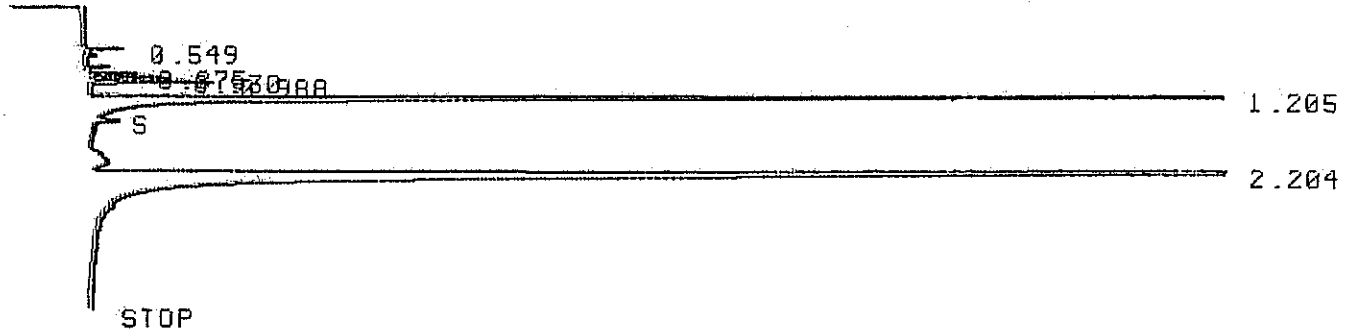


1.205 2.205 6445162 SPB 25

TOTAL AREA=8.9231E+06  
MUL FACTOR=1.0000E+00  
ISTD AMT=2.0000E-02

10434

\* RUN # 16 APR 8, 2010 07:56:41  
START



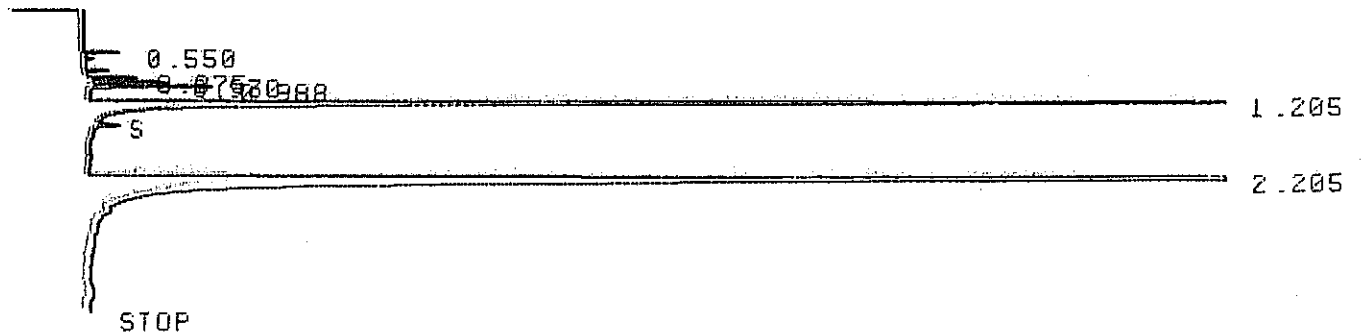
RUN# 16 APR 8, 2010 07:56:41

METHOD NAME: M\*ALC.MET

RT	AREA	TYPE	CAL#	AMOUNT
.875	28879	BU		.000
.930	54419	UU		.000
.988	76933	UB		.000
1.205	2488200	SPB	1R	.097
2.204	6921405	SPB	2S	

TOTAL AREA=9.5698E+06  
MUL FACTOR=1.0000E+00  
ISTD AMT=2.0000E-02

\* RUN # 17 APR 8, 2010 08:03:06  
START



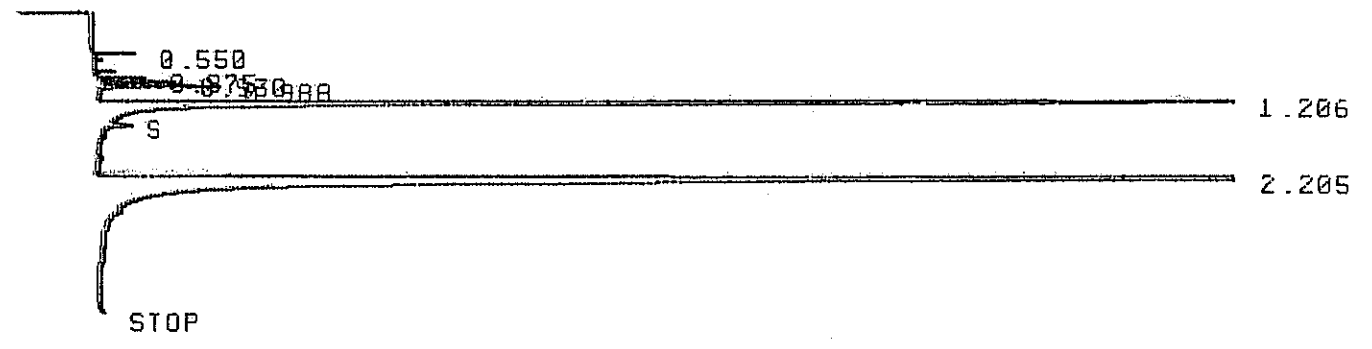
RUN# 17 APR 8, 2010 08:03:06

ISTD-AREA				
RT	AREA	TYPE	CAL#	AMOUNT
.875	29231	BU		.000
.930	54314	UU		.000
.988	77178	UB		.000
1.205	2329304	SPB	1R	.098
2.205	6426602	SPB	2S	

TOTAL AREA=8.9166E+06  
MUL FACTOR=1.0000E+00  
ISTD AMT=2.0000E-02

MIDDLE RUN

\* RUN # 18 APR 8, 2010 08:09:13  
START



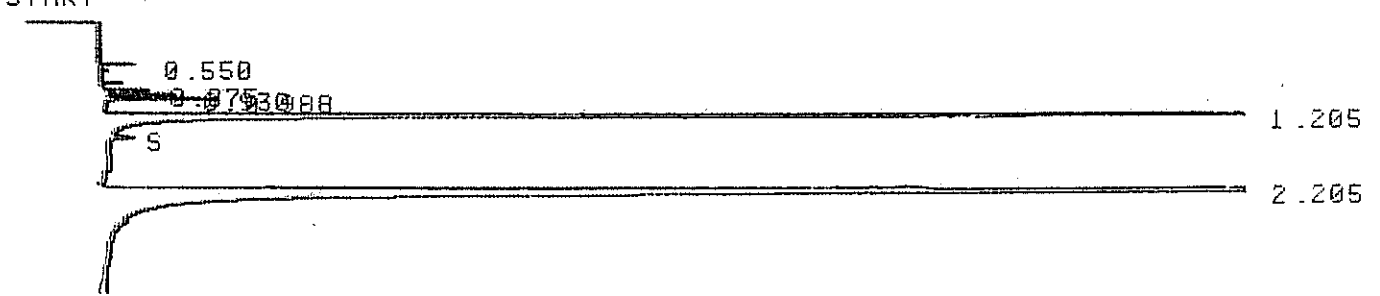
RUN# 18 APR 8, 2010 08:09:13

METHOD NAME: M\*ALC.MET

ISTD-AREA				
RT	AREA	TYPE	CAL#	AMOUNT
.875	28243	BU		.000
.930	53707	UU		.000
.988	76015	UB		.000
1.206	2287493	SPB	1R	.098
2.205	6276912	SPB	2S	

TOTAL AREA=8.7224E+06  
MUL FACTOR=1.0000E+00  
ISTD AMT=2.0000E-02

\* RUN # 19 APR 8, 2010 08:15:15  
START



RUN# 19 APR 8, 2010 08:15:15

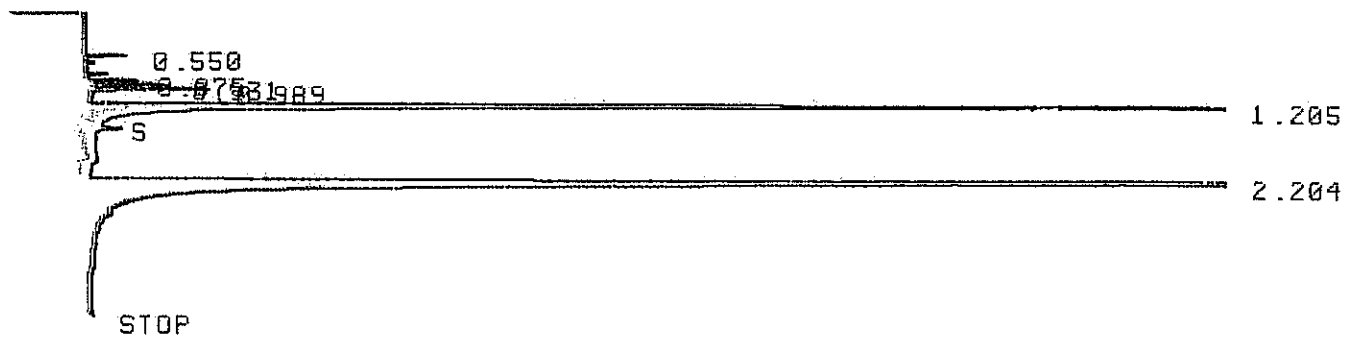
METHOD NAME: M\*ALC.MET

ISTD-AREA				
RT	AREA	TYPE	CAL#	AMOUNT
.875	27614	BU		.000
.930	51542	UU		.000
.988	72010	UB		.000
1.205	2384016	SBB	1R	.098
2.205	6546675	SBB	2S	

TOTAL AREA=9.0827E+06  
MUL FACTOR=1.0000E+00  
ISTD AMT=2.0000E-02

\* RUN # 20 APR 8, 2010 08:21:20

START



RUN# 20 APR 8, 2010 08:21:20

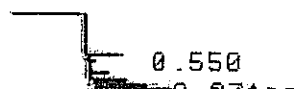
METHOD NAME: M\*ALC.MET

ISTD-AREA				
RT	AREA	TYPE	CAL#	AMOUNT
.875	29528	BU		.000
.931	55091	UU		.000
.989	76024	UB		.000
1.205	2364168	SBB	1R	.097
2.204	6535360	SPB	2S	

TOTAL AREA=9.0602E+06  
MUL FACTOR=1.0000E+00  
ISTD AMT=2.0000E-02

\* RUN # 21 APR 8, 2010 08:30:03

START



END RUN

STOP

RUN# 21 APR 8, 2010 08:30:03

METHOD NAME: M\*ALC.MET

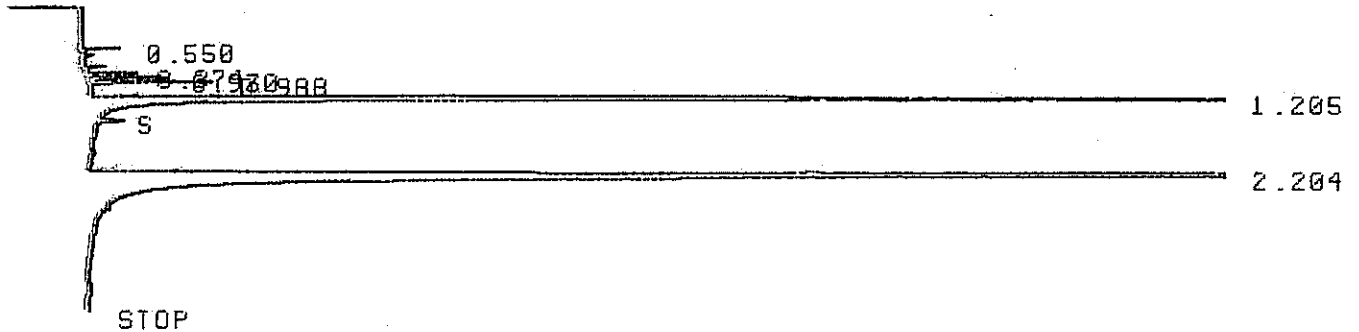
ISTD-AREA

RT	AREA	TYPE	CAL#	AMOUNT
.931	39268	UU		.000
.989	56188	UB		.000
1.205	2416774	SPB	1R	.097
2.205	6696778	SBB	2S	

TOTAL AREA=9.2090E+06  
 MUL FACTOR=1.0000E+00  
 ISTD AMT=2.0000E-02

\* RUN # 22 APR 8, 2010 08:36:29

START



STOP

RUN# 22 APR 8, 2010 08:36:29

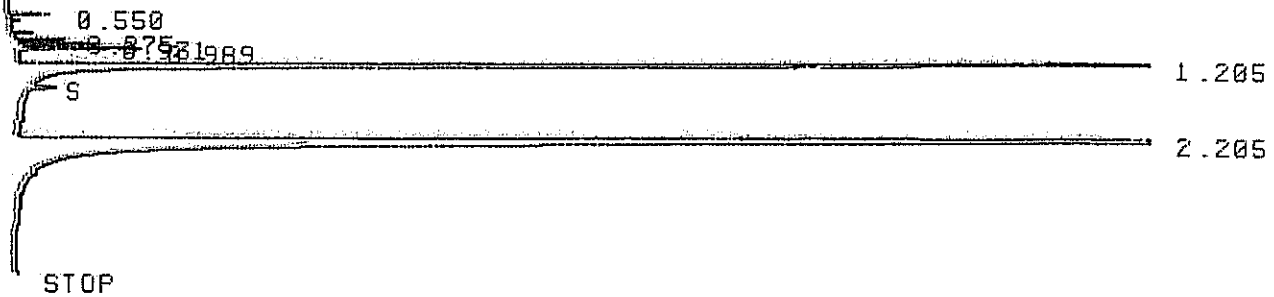
METHOD NAME: M\*ALC.MET

ISTD-AREA

RT	AREA	TYPE	CAL#	AMOUNT
.874	29798	BU		.000
.930	55653	UU		.000
.988	77675	UB		.000
1.205	2280870	SPB	1R	.098
2.204	6263002	SPB	2S	

TOTAL AREA=8.7070E+06  
 MUL FACTOR=1.0000E+00  
 ISTD AMT=2.0000E-02

SIGNAL



10438

RUN# 23 APR 8, 2010 08:42:36

METHOD NAME: M\*ALC.MET

RT	AREA	TYPE	CAL#	AMOUNT
.875	30450	BU		.000
.931	57052	UU		.000
.989	79288	UB		.000
1.205	2405709	SPB	1R	.098
2.205	6590464	SPB	2S	

TOTAL AREA=9.1630E+06  
 MUL FACTOR=1.0000E+00  
 ISTD AMT=2.0000E-02

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Recertification Program

Model Name:  
Intox EC/IR  
Serial Number: 03864  
OCME TOXICOLOGIST  
Test Date: 04/08/10  
Test Time: 07:58

Operator Name:  
BARRY - 10090

Standard Value: .080

Simulator Temp: 34.0

System Check Passed

TEST	g/210L	Time
BLK	.000	07:59
STD	.078	08:01
BLK	.000	08:02
SUBJ	.080	08:04
BLK	.000	08:06
SUBJ	.082	08:07
BLK	.000	08:09
SUBJ	.082	08:11
BLK	.000	08:13
STD	.078	08:14

Operator Signature:



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**OFFICE OF THE CHIEF MEDICAL EXAMINER**

DATE: 4/8/10

Alcohol Reference

Solution 10090

NAME: \_\_\_\_\_

CASE: \_\_\_\_\_

GC Summary

Bulk top AVE. 0.0977 g/100ml

Bulk middle AVE. 0.0977 g/100ml

Bulk bottom AVE. 0.0967 g/100ml

Start run AVE. 0.0973 g/100ml

Middle run AVE. 0.0977 g/100ml

End run AVE. 0.0977 g/100ml

OVERALL AVE. 0.0974 g/100ml

Intox EC/IR

0.080 g/210L

0.082 g/210L

0.083 g/210L

AVE 0.081 g/210L