



Troxler Electronic Laboratories, Inc.

3008 Cornwallis Rd., P.O. Box 12057
Research Triangle Park, NC 27709
Tel: (877) 876-9537 Fax: (866) 391-2759
License: NC 032-0182-1

PAUL MARANO
ADVANCED GEOSERVICES CORP
1055 ANDREW DRIVE
SUITE A
WEST CHESTER, PA 19380

Cust ID: 7010

LEAK TEST CERTIFICATE

DEVICE:

Model: 3440 **Serial No:** 23319

SEALED SOURCES:

Serial No.	Measure Date	Nuclide	GBq	mCi
47-19199	02/07/1994	Am-241:Be	1.48	40
75-5334	03/17/1994	Cs-137	0.296	8

LEAK TEST ANALYSIS:

Sample collected on: 12/16/2015
Sample analyzed on: 12/21/2015 10:33:04 A **Position:** 19
Analyzed by: EM

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.25E+01	1.97E+01
Background measurement (cpm)	0	24
Sample measurement (cpm)	0	22
Activity (Bq)	< MDA	< MDA
Min. Detectable Activity (Bq)	3.8E-01	1.3E+00

This certifies that the leak test results are:

Less than 185 Bq (0.005 uCi) **Greater than 185 Bq (0.005 uCi)**



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WEST CHESTER, PA 19380

Cust ID: 7010

LEAK TEST CERTIFICATE

DEVICE:

Model: 3440 Serial No: 26387

SEALED SOURCES:

Serial No.	Measure Date	Nuclide	GBq	mCi
47-22860	06/03/1996	Am-241:Be	1.48	40
75-9504	04/29/1996	Cs-137	0.296	8

LEAK TEST ANALYSIS:

Sample collected on: 12/17/2015
Sample analyzed on: 12/21/2015 12:15:18 P Position: 57
Analyzed by: EM

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.25E+01	1.97E+01
Background measurement (cpm)	0	24
Sample measurement (cpm)	0	25
Activity (Bq)	< MDA	< MDA
Min. Detectable Activity (Bq)	3.8E-01	1.3E+00

This certifies that the leak test results are:

Less than 185 Bq (0.005 uCi) Greater than 185 Bq (0.005 uCi)



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1055 ANDREW DRIVE
SUITE A
WEST CHESTER, PA 19380

Cust ID: 7010

LEAK TEST CERTIFICATE

DEVICE:

Model: 3440 Serial No: 28634

SEALED SOURCES:

Serial No.	Measure Date	Nuclide	GBq	mCi
47-25737	12/05/1997	Am-241:Be	1.48	40
77-5321	06/28/2006	Cs-137	0.296	8

LEAK TEST ANALYSIS:

Sample collected on: 12/16/2015
Sample analyzed on: 12/21/2015 10:31:52 A Position: 18
Analyzed by: EM

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.25E+01	1.97E+01
Background measurement (cpm)	0	24
Sample measurement (cpm)	1	27
Activity (Bq)	< MDA	< MDA
Min. Detectable Activity (Bq)	3.8E-01	1.3E+00

This certifies that the leak test results are:

Less than 185 Bq (0.005 uCi) Greater than 185 Bq (0.005 uCi)