Form: 15D Rev 26 Jun 2007



Ambient Temperature

Calibration Location: 3998 Commerce Circle Idaho Falls, ID 83401 Ph: 208 523-5557

> Pressure (hg) 25.11

Certificate of Calibration

Att.: Sally Miller

City: Denver

State: CO

Zip: 80237

Address: 8181 E. Tufts Ave Phone: 303-740-2721

Customer: URS Corporation

Mfg: Ludlum

Humidi

35

Model: 2401-EW

Ref. #: W231-000938

Calibration/Ver. Due Date:

15-Jul-2012

Serial Number: 248264 Calibration

15-Jul-2011 Date:

HP Dose Rate

Basic Information

ity (%)	Lab Elevation (ft)	Background Reading (uR)
	4750	40

Test Measurements								
Source ID	Isotope	Scale/Range	Expected Reading	Reading Units	As Found Reading	As Left Reading	Tolerance +/- (%)	Pass/Fail
Shepherd	Cs 137	X1	0.4	mR	.41	.41	10	Pass
Shepherd	Cs 137	X1	1.6	mR	1.61	1.61	10	Pass
Shepherd	Cs 137	X10	4	mR	4	4	10	Pass
Shepherd	Cs 137	X10	16	mR	16	16	10	Pass
Shepherd	Cs 137	X100	40	mR	40	40	10	Pass
Shepherd	Cs 137	X100	160	mR	150	150	10	Pass

Comments

Calibration Operational Checks						
Reproducibility	Pass					
High Voltage	Ok					
Geotropism	Pass					
Zero Check	N/A					
Calibration Constant	NA					
Dead Time	N/A					
CALIBRATION RESULTS	PASS					
\$4.1 - 44-m 4	\$1000 MINISTER PROGRAMMENT AND					

Calibration Instruments Information:

J. L. Shepherd: 81-10 Irradiator: 9004 -- Cal. Date: 05-Nov-2010

Cal. Procedure: CP-PRO-244/171

Date of Service: 15-Jul-2011

Service Technician: Cody Brammer Cody Brammer

This Certificate of Calibration shall not be reproduced except in full, without the written approval of Qal-Tek Associates Results relate only to item calibrated. Uncertainty of measurement was estimated at approximately 95% confidence level, (k=2). All reference standards used are traceable to NIST. Qal-Tek Associates maintains a quality system (Quality Assurance Management Plan) that meets or exceeds the requirements set forth in the following documents: ANSI / NGSL Z540-1 1994 and ISO / IEC 17025.