M

Designer and Manufacturer of Scientific and Industrial Instruments

CERTIFICATE OF CALIBRATION

LUDLUM MEASUREMENTS, INC.

501 Oak Street

AC Inst.

Only

Failed:

Passed Dielectric (Hi-Pot) and Continuity Test

10744 Dutchtown Road

~~~	200	0.10	,-,				
Swe	ohes	itar	TY	70556	11	9	Δ

865-392-4601 Knoxville, TN 37932, U.S.A.

CUSTO	MER CABRERA S	ERVICES				OR	DER NO	20286937/4	33767
Mfg	Ludium Measur	ements, Inc. M	odel	. 3		Serial No	o. <u>2</u> /	8266	
Mfg.	Ludlum Measur	ements, Inc. M	odel	44-9		Serial No	o. PRO	29628	
Cal. Date	e 31-M	ar-16 Cal Du	e Date	31-Mar-17	Cal, In	terval1	Year Me	terface2	02-608
Check mai	rk <b>√</b> applies to applic	able instr. and/or detec	tor IAW mfg. spec.	T	<u>73 </u> °F	RH	32 %	Alt 688.0	mm Hg
New	Instrument Instru	ment Received	Within Toler. +-10%	10-20%	Out of Tol.	Requiring I	Repair 🔲	Other-See comm	nents
✓ Mec	hanical ck.	✓ Meter Zeroe	ď	Backgrou	nd Subtract		Input S	Sens. Linearity	
_=_	Resp. ck	Reset ck.		Window (	•		Geotro	pism	
	io ck.	☐ Alarm Settin	g ck.		Min. Volt)	2.2 VDC			
Calib	rated in accordance w			رغو	in accordance w		Threshold	1	mV
Instrument	Volt Set 900	V Input Sens	29 mV Det. C	Oper. 900	)Vat	mV	Dial Ratio	=	
□ 1	HV Readout (2 points)	Ref./Inst.			V Ref./Ins	t			v
		800dpm, Counts:3kc om, Counts:23kcpm,							
Gamma Cal	ibration: GM detectors po	sitioned perpendicular to s	ource except for M 44-9	in which the fror	nt of probe faces so	urce.			
	044054447		FERENCE		STRUMENT		INSTRU		
	RANGE/MULTI		L. POINT	"A:	S FOUND RE	:ADING"	METER	READING*	
	X 100 X 100	150 m	ıR/nr ıR/hr		1.55			<u>1,5</u>	_
	X 100	15 m		<del></del>	1.6	<del></del> -		15	_
	X 10	5 m	R/hr		0.55			2.5	_
	X 1	1.5 mR	/hr = 4620cpm		1.5			1,5	_
	<u>X1</u>	1.0 m	R/hr		1.0			40	_
	X 0.1 X 0.1	<u> </u>			1.4 0.45			1.5 1.5	
			Сріп		U13			• >	_
	<del></del>								_
	*Uncertainty within ± 10%							alibrated Electro	
Digital Readout	REFERENCE CAL. POINT	INSTRUMENT RECEIVED	INSTRUMENT METER READI	ING* Log Scale	REFERENCE CAL. POINT	•	FRUMENT EIVED	INSTRUM METER F	MENT READING*
				-			<del></del>		
				-			······································	·	
		e above instrument has been o members, or have been derive							
The calibration	n system conforms to the requ	uirements of ANSI/NCSL 2540-	1-1994 and ANSI N323-197	78		State	of Texas Calib	oration License No.	
		ources: Cs-137 S/N: 059 [							05 5717C0 26 S/N: Y98:
Alp	ha S/N		Beta S/N			Other			
<b>√</b> m :	500 S/N19	0566	Oscilloscope S/N			✓ Multime	ter S/N	86250390	<u>)</u>
Calibrate	ed By:	Taran 1	the		Date	31-	Mon-	./6	
Povious	ad Bur	~ 11 lan			Data	311	). \ \		