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SEALED RADIOACTIVE SOURCE LEAK TEST REPORT

Ref#: W52428-267297

Acct#: 107437

Company: Snyder & Associates - Marryville

Street: 212 N Buchanan

City/St/Zip: Maryville , MO 64468

Phone: 816-364-5222

Fax: 816-364-6086

Serial Number: **66812**

Mfg: Troxler

Model: 3440

Leak Test Date: 12-Jun-2024

Leak Test Due Date: 12-Dec-2024

Test Instrument

Test Instrument	Ludlum : 3030 : 219695
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Test Instrument Info

MDA	less than 0.005 uCi
alpha efficiency	33.6
beta efficiency	41.05
Det. Type	ZnS (Ag)
Last Cal. Date	02-Oct-2023

Test Results

Isotope	Source SN	Activity (mCi)	Assay Date	Net Alpha (CPM)	Net Beta/Gamma (CPM)	Alpha (microcuries)	Beta/Gamma (microcuries)	Pass/Fail
Am-241/BE	[78-8000]	40 mCi	[2012-06-29]	0	0	0	0	Pass
Cs-137	[77-11964]	8 mCi	[2012-06-21]	0	0	0	0	Pass

Comments

Instrument Technician: Micah Argyle

Date of Service: 17-Jun-2024

Qal-Tek Associates certifies that all leak test measurements are performed in accordance with NRC licensee requirements for isotopic detection limits. For this purpose the MDA is below the NRC regulatory limits of <0.005 uCi