



EMSL Analytical, Inc.

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EMSL Order ID: 092420497
Customer ID: CREN42
Customer PO: 0400013
Project ID:

Attn: Justin Smith
Cranmer Engineering Inc.
1188 East Main Street
Grass Valley, CA 95945

Phone: (530) 273-7284
Fax:
Received: 11/12/2024
Analyzed: 11/18/2024

Proj: 0400013 - GGK0451

Test Report: Determination of Asbestos Structures >10µm in Drinking Water Performed by the 100.2 Method (EPA 600/R-94/134)

Sample ID Client / EMSL	Sample Filtration Date/Time	Original Sample Vol. Filtered (ml)	Effective Filter Area (mm ²)	Area Analyzed (mm ²)	ASBESTOS				
					Asbestos Types	Fibers Detected	Analytical Sensitivity	Concentration MFL (million fibers per liter)	Confidence Limits
GGK0451-01 DISTRIBUTION LOCATION-11279 WINDING 092420497-0001 Collection Date/Time: 11/11/2024 14:15 PM	11/12/2024 02:06 PM	100	1296	0.0650	None Detected	ND	0.20	<0.20	0.00 - 0.74

Analyst(s)

John Dang (1)

Oscar Merino, Laboratory Manager
or Other Approved Signatory

Any questions please contact Oscar Merino.

Initial report from: 11/18/2024 18:31:55

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. Estimation of uncertainty is available on request. Sample collection performed by the client. Pre-cleaned sample containers are available for purchase from EMSL. Note if sample containers are provided by the client, acceptable bottle blank level is defined as ≤ 0.01 MFL for $\geq 10\mu\text{m}$ fibers. ND=None Detected. No Fibers Detected: the value will be reported as less than 369% of the concentration equivalent to one fiber. 1 to 4 fibers: The result will be reported as less than the corresponding upper 95% confidence limit (Poisson). 5 to 30 fibers: Mean and 95% confidence intervals will be reported on the basis of the Poisson assumption. When more than 30 fibers are counted, both the Gaussian 95% confidence interval and the Poisson 95% confidence interval will be calculated. The large of these two intervals will be selected for data reporting. When the Gaussian 95% confidence interval is selected for data reporting, the Poisson will also be noted.

Samples analyzed by EMSL Analytical, Inc San Leandro, CA CA ELAP 1620, HI reciprocity, ID CA 01477, WA C884