

EPA CLP Stage 2A Deliverable

Demo Environmental Laboratory · DEMO-CERT-001

CLEARLINE

SDG: CLE-2026-SDG-0142 · Forms I–VII-IN · Per CLP SOM02.4

Stage 2A adds QC documentation: all Stage 1A content (results, narrative, surrogates, COC) plus Method Blank, LCS/LCSD, Matrix Spike/MSD, and Replicate/Duplicate summaries.

Form I-IN · Analytical Results (summary)

CAS	Analyte	Result (µg/L)	Q	DF
7440-66-6	Zinc ^{orig-}	>5000	E	±
7440-66-6	Zinc ^{reanalysis}	12,400	D	10
7439-92-1	Lead	62.1	—	1
7440-43-9	Cadmium	0.8	J	1
7440-47-3	Chromium	1.8	—	1

Form III-IN · Method Blank Summary

Analyte	MB Result	MDL	CRDL	Action
Zinc	< MDL	0.5 µg/L	20	None
Lead	< MDL	0.05 µg/L	3.0	None
Cadmium	< MDL	0.05 µg/L	1.0	None
Chromium	< MDL	0.5 µg/L	2.0	None

Form IV-IN · LCS & LCSD

Analyte	True (µg/L)	LCS Found	LCS %R	LCSD Found	LCSD %R	RPD	Limits	Pass
Zinc	500	491	98.2%	489	97.8%	0.4%	80–120% / RPD<20%	✓
Lead	100	101.4	101.4%	99.8	99.8%	1.6%	80–120% / RPD<20%	✓
Cadmium	50	49.1	98.2%	50.2	100.4%	2.2%	80–120% / RPD<20%	✓
Chromium	100	97.5	97.5%	98.9	98.9%	1.4%	80–120% / RPD<20%	✓

Form V-IN · Matrix Spike (MS) & MSD

Sample	Analyte	Sample	MS	MS %R	MSD	MSD %R	RPD	Limits	Pass
GW-0009	Zinc	34.2	515	96.4%	508	95.0%	1.4%	75–125% / RPD<20%	✓
GW-0009	Lead	2.1	103	100.9%	101	98.9%	2.0%	75–125% / RPD<20%	✓
GW-0009	Cadmium	0.4	50.2	99.6%	49.5	98.2%	1.4%	75–125% / RPD<20%	✓

Form VI-IN · Replicate / Duplicate

Sample	Analyte	Sample	Duplicate	RPD	Limit	Pass
GW-0009	Zinc	34.2	34.9	2.0%	< 20%	✓
GW-0009	Lead	2.1	2.0	4.9%	< 20%	✓

Analyst:QA Manager:Laboratory Director:

M. Vasquez · 2026-06-16 14:30K. Patel · 2026-06-16 14:32