

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB132957

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP110246
5N sulfuric acid	WP107791
HNO3 Hex-Chrome, 5M	WP107796
Hexchrome Cleaning Solution	WP108645

Intercept: 0.0015

Slope: 0.7667

Regression: 0.999997

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml)	Final Vol (ml)	pH HNO3	pH H2SO4	Absorb.at 540nm		Absorbance Difference	Result (mg/L)	%D	Anal Date	Anal Time
								Backgrnd	Color					
1	CAL1	0	1	100	100	7.30	1.76	0.000	0.000	0.000	-0.00		10/16/2024	10:10
2	CAL2	0.01	1	100	100	7.40	1.89	0.000	0.010	0.010	0.011	10	10/16/2024	10:11
3	CAL3	0.025	1	100	100	7.38	1.91	0.000	0.021	0.021	0.025	0	10/16/2024	10:12
4	CAL4	0.05	1	100	100	7.35	1.88	0.000	0.040	0.040	0.050	0	10/16/2024	10:13
5	CAL5	0.1	1	100	100	7.36	1.86	0.000	0.078	0.078	0.099	-1	10/16/2024	10:14
6	CAL6	0.5	1	100	100	7.39	1.84	0.000	0.385	0.385	0.500	0	10/16/2024	10:15
7	CAL7	1	1	100	100	7.36	1.88	0.000	0.768	0.768	0.999	-0.1	10/16/2024	10:16



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Run Number: LB132957

pH Meter ID: WC pH Meter-1

Seq	Lab ID	True Value	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb.at540nm		Absorbance Difference	Intermediate Result (mg/L)	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100	7.40	1.90	0.000	0.383	0.383	0.498	10/16/2024	10:17
2	ICB		1	100	100	7.34	1.81	0.000	0.001	0.001	-0.001	10/16/2024	10:18
3	CCV1	0.5	1	100	100	7.43	1.93	0.000	0.386	0.386	0.501	10/16/2024	10:19
4	CCB1		1	100	100	7.25	1.75	0.000	0.000	0.000	-0.002	10/16/2024	10:20
5	RL Check	0.01	1	100	100	7.40	1.92	0.000	0.009	0.009	0.010	10/16/2024	10:21
6	PB164149BL		1	2.50	100	7.29	1.78	0.000	0.001	0.001	-0.001	10/16/2024	10:22
7	PB164149BS	20	1	2.50	100	7.45	1.93	0.000	0.385	0.385	0.500	10/16/2024	10:23
8	P4368-03		1	2.50	100	7.40	2.01	0.000	0.005	0.005	0.005	10/16/2024	10:24
9	P4395-01		1	2.51	100	7.60	2.06	0.002	0.002	0.000	-0.002	10/16/2024	10:25
10	P4395-01DU		1	2.52	100	7.54	2.10	0.002	0.002	0.000	-0.002	10/16/2024	10:26
11	P4395-01MS	40	2	2.51	100	7.60	2.10	0.000	0.321	0.321	0.417	10/16/2024	10:27
12	P4395-01MS	1284	40	2.52	100	7.58	2.06	0.000	0.599	0.599	0.779	10/16/2024	10:28
13	P4395-01MS	40	2	2.51	100	7.64	2.10	0.000	0.379	0.379	0.492	10/16/2024	10:29
14	P4397-01		1	2.54	100	7.52	2.10	0.006	0.007	0.001	-0.001	10/16/2024	10:30
15	P4397-02		1	2.52	100	7.66	2.14	0.001	0.002	0.001	-0.001	10/16/2024	10:31
16	CCV2	0.5	1	100	100	7.42	1.90	0.000	0.384	0.384	0.499	10/16/2024	10:32
17	CCB2		1	100	100	7.24	1.77	0.000	0.000	0.000	-0.002	10/16/2024	10:33
18	P4400-01		1	2.51	100	7.52	2.18	0.006	0.006	0.000	-0.002	10/16/2024	10:34
19	P4403-01		1	2.54	100	7.56	2.10	0.003	0.004	0.001	-0.001	10/16/2024	10:35
20	P4406-01		1	2.54	100	7.60	2.06	0.006	0.007	0.001	-0.001	10/16/2024	10:36
21	P4410-01		1	2.51	100	7.60	2.20	0.007	0.008	0.001	-0.001	10/16/2024	10:37
22	CCV3	0.5	1	100	100	7.42	1.92	0.000	0.383	0.383	0.498	10/16/2024	10:38
23	CCB3		1	100	100	7.27	1.77	0.000	0.001	0.001	-0.001	10/16/2024	10:39