

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB131645

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP108721
5N sulfuric acid	WP107791
HNO3 Hex-Chrome, 5M	WP107796
Hexchrome Cleaning Solution	WP108645

Intercept: 0.0013

Slope: 0.7638

Regression: 0.999996

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	7.28	1.80	0.000	0.000	0.000	-0.00		07/17/2024	13:10
2	CAL2	0.01	1	100	100	7.36	1.89	0.000	0.009	0.009	0.010	0	07/17/2024	13:11
3	CAL3	0.025	1	100	100	7.39	1.87	0.000	0.020	0.020	0.024	-4	07/17/2024	13:12
4	CAL4	0.05	1	100	100	7.38	1.88	0.000	0.040	0.040	0.050	0	07/17/2024	13:13
5	CAL5	0.1	1	100	100	7.36	1.89	0.000	0.079	0.079	0.101	1	07/17/2024	13:14
6	CAL6	0.5	1	100	100	7.40	1.88	0.000	0.383	0.383	0.499	-0.2	07/17/2024	13:15
7	CAL7	1	1	100	100	7.36	1.85	0.000	0.765	0.765	0.999	-0.1	07/17/2024	13:16



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Run Number: LB131645

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	7.43	1.94	0.000	0.385	0.385	0.502	07/17/2024	13:17
2	ICB		1	100	100	7.26	1.77	0.000	0.001	0.001	0.000	07/17/2024	13:18
3	CCV1	0.5	1	100	100	7.45	1.95	0.000	0.383	0.383	0.500	07/17/2024	13:19
4	CCB1		1	100	100	7.25	1.79	0.000	0.000	0.000	-0.002	07/17/2024	13:20
5	RL Check	0.01	1	100	100	7.42	1.91	0.000	0.010	0.010	0.011	07/17/2024	13:21
6	PB162113BL		1	2.50	100	7.29	1.76	0.000	0.001	0.001	0.000	07/17/2024	13:22
7	PB162113BS	20	1	2.50	100	7.43	1.92	0.000	0.386	0.386	0.504	07/17/2024	13:23
8	P3129-04		1	2.52	100	7.62	2.08	0.007	0.008	0.001	0.000	07/17/2024	13:24
9	P3129-04DU		1	2.52	100	7.62	2.14	0.006	0.007	0.001	0.000	07/17/2024	13:25
10	P3129-04MS	40	2	2.53	100	7.58	2.08	0.002	0.309	0.307	0.400	07/17/2024	13:26
11	P3129-04MS	1284	40	2.53	100	7.54	2.10	0.000	0.567	0.567	0.741	07/17/2024	13:27
12	P3129-04MS	40	2	2.52	100	7.58	2.10	0.001	0.356	0.355	0.463	07/17/2024	13:28
13	P3246-01		1	2.54	100	7.28	2.18	0.037	0.037	0.000	-0.002	07/17/2024	13:29
14	P3246-06		1	2.53	100	7.62	2.10	0.026	0.028	0.002	0.001	07/17/2024	13:30
15	P3246-11		1	2.55	100	7.68	2.08	0.008	0.010	0.002	0.001	07/17/2024	13:31
16	CCV2	0.5	1	100	100	7.42	1.92	0.000	0.384	0.384	0.501	07/17/2024	13:32
17	CCB2		1	100	100	7.26	1.78	0.000	0.001	0.001	0.000	07/17/2024	13:33
18	P3246-16		1	2.53	100	7.52	2.16	0.028	0.028	0.000	-0.002	07/17/2024	13:34
19	P3246-21		1	2.54	100	7.60	2.10	0.022	0.023	0.001	0.000	07/17/2024	13:35
20	P3246-26		1	2.54	100	7.58	2.06	0.008	0.009	0.001	0.000	07/17/2024	13:36
21	P3248-01		1	2.52	100	7.54	2.20	0.010	0.010	0.000	-0.002	07/17/2024	13:37
22	P3248-02		1	2.51	100	7.60	2.06	0.038	0.038	0.000	-0.002	07/17/2024	13:38
23	P3255-01		1	2.52	100	7.52	2.16	0.018	0.019	0.001	0.000	07/17/2024	13:39
24	CCV3	0.5	1	100	100	7.46	1.94	0.000	0.383	0.383	0.500	07/17/2024	13:40
25	CCB3		1	100	100	7.28	1.76	0.000	0.000	0.000	-0.002	07/17/2024	13:41