

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB132616

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP109886
5N sulfuric acid	WP107791
HNO3 Hex-Chrome, 5M	WP107796
Hexchrome Cleaning Solution	WP108645

Intercept: 0.0014

Slope: 0.7665

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	7.30	1.77	0.000	0.000	0.000	-0.00		09/26/2024	12:20
2	CAL2	0.01	1	100	100	7.39	1.84	0.000	0.009	0.009	0.009	-10	09/26/2024	12:21
3	CAL3	0.025	1	100	100	7.40	1.88	0.000	0.021	0.021	0.025	0	09/26/2024	12:22
4	CAL4	0.05	1	100	100	7.36	1.90	0.000	0.040	0.040	0.050	0	09/26/2024	12:23
5	CAL5	0.1	1	100	100	7.36	1.84	0.000	0.079	0.079	0.101	1	09/26/2024	12:24
6	CAL6	0.5	1	100	100	7.38	1.88	0.000	0.384	0.384	0.499	-0.2	09/26/2024	12:25
7	CAL7	1	1	100	100	7.40	1.86	0.000	0.768	0.768	1.000	0	09/26/2024	12:26



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Run Number: LB132616

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	7.41	1.93	0.000	0.386	0.386	0.502	09/26/2024	12:27
2	ICB		1	100	100	7.26	1.75	0.000	0.001	0.001	-0.001	09/26/2024	12:28
3	CCV1	0.5	1	100	100	7.45	1.96	0.000	0.383	0.383	0.498	09/26/2024	12:29
4	CCB1		1	100	100	7.28	1.81	0.000	0.000	0.000	-0.002	09/26/2024	12:30
5	RL Check	0.01	1	100	100	7.42	1.93	0.000	0.009	0.009	0.010	09/26/2024	12:31
6	PB163636BL		1	2.50	100	7.25	1.80	0.000	0.000	0.000	-0.002	09/26/2024	12:32
7	PB163636BS	20	1	2.50	100	7.42	1.94	0.000	0.386	0.386	0.502	09/26/2024	12:33
8	P4148-01		1	2.51	100	7.60	2.10	0.005	0.006	0.001	-0.001	09/26/2024	12:34
9	P4149-13		1	2.54	100	7.52	2.20	0.010	0.012	0.002	0.001	09/26/2024	12:35
10	P4149-14		1	2.52	100	7.60	2.16	0.006	0.007	0.001	-0.001	09/26/2024	12:36
11	P4149-15		1	2.51	100	7.54	2.10	0.004	0.005	0.001	-0.001	09/26/2024	12:37
12	P4149-15DU		1	2.52	100	7.60	2.14	0.004	0.005	0.001	-0.001	09/26/2024	12:38
13	P4149-15MS	40	2	2.51	100	7.52	2.10	0.000	0.310	0.310	0.403	09/26/2024	12:39
14	P4149-15MS	1284	40	2.51	100	7.56	2.06	0.000	0.610	0.610	0.794	09/26/2024	12:40
15	P4149-15MS	40	2	2.52	100	7.58	2.14	0.000	0.380	0.380	0.494	09/26/2024	12:41
16	CCV2	0.5	1	100	100	7.43	1.92	0.000	0.383	0.383	0.498	09/26/2024	12:42
17	CCB2		1	100	100	7.29	1.77	0.000	0.001	0.001	-0.001	09/26/2024	12:43
18	P4190-01		1	2.54	100	7.52	2.06	0.007	0.007	0.000	-0.002	09/26/2024	12:44
19	P4192-01		1	2.56	100	7.58	2.18	0.030	0.030	0.000	-0.002	09/26/2024	12:45
20	P4192-03		1	2.54	100	7.60	2.24	0.030	0.032	0.002	0.001	09/26/2024	12:46
21	P4197-01		1	2.52	100	7.74	2.10	0.006	0.007	0.001	-0.001	09/26/2024	12:47
22	P4198-01		1	2.55	100	7.60	2.06	0.004	0.004	0.000	-0.002	09/26/2024	12:48
23	P4198-06		1	2.54	100	7.52	2.06	0.010	0.010	0.000	-0.002	09/26/2024	12:49
24	P4198-11		1	2.53	100	7.52	2.04	0.014	0.015	0.001	-0.001	09/26/2024	12:50
25	P4198-16		1	2.56	100	7.56	2.02	0.016	0.017	0.001	-0.001	09/26/2024	12:51
26	P4198-21		1	2.52	100	7.62	2.06	0.009	0.010	0.001	-0.001	09/26/2024	12:52
27	P4198-26		1	2.51	100	7.61	2.10	0.026	0.027	0.001	-0.001	09/26/2024	12:53
28	CCV3	0.5	1	100	100	7.41	1.96	0.000	0.384	0.384	0.499	09/26/2024	12:54
29	CCB3		1	100	100	7.30	1.79	0.000	0.001	0.001	-0.001	09/26/2024	12:55