

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB130670

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP107785
5N sulfuric acid	WP107791
HNO3 Hex-Chrome, 5M	WP107796
HEX LOD STD, 0.005PPM	WP107819
Hexchrome Cleaning Solution	WP106152
Hex LOQ Std, 0.01PPM	WP107820

Intercept: 0.0011

Slope: 0.7675

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	7.26	1.75	0.000	0.000	0.000	-0.00		05/08/2024	14:15
2	CAL2	0.01	1	100	100	7.37	1.88	0.000	0.009	0.009	0.010	0	05/08/2024	14:16
3	CAL3	0.025	1	100	100	7.35	1.86	0.000	0.021	0.021	0.025	0	05/08/2024	14:17
4	CAL4	0.05	1	100	100	7.36	1.84	0.000	0.040	0.040	0.050	0	05/08/2024	14:18
5	CAL5	0.1	1	100	100	7.38	1.88	0.0000	0.078	0.078	0.100	0	05/08/2024	14:19
6	CAL6	0.5	1	100	100	7.36	1.87	0.000	0.384	0.384	0.498	-0.4	05/08/2024	14:20
7	CAL7	1	1	100	100	7.35	1.85	0.000	0.769	0.769	1.000	0	05/08/2024	14:21



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Run Number: LB130670

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	7.42	1.91	0.000	0.386	0.386	0.501	05/08/2024	14:22
2	ICB		1	100	100	7.25	1.77	0.000	0.001	0.001	0.000	05/08/2024	14:23
3	CCV1	0.5	1	100	100	7.44	1.93	0.000	0.383	0.383	0.498	05/08/2024	14:24
4	CCB1		1	100	100	7.28	1.74	0.000	0.001	0.001	0.000	05/08/2024	14:25
5	RL Check	0.01	1	100	100	7.41	1.90	0.000	0.010	0.010	0.012	05/08/2024	14:26
6	PB160752BL		1	2.50	100	7.27	1.76	0.000	0.000	0.000	-0.001	05/08/2024	14:27
7	PB160752BS	20	1	2.50	100	7.42	1.92	0.000	0.386	0.386	0.501	05/08/2024	14:28
8	P2147-01		1	2.56	100	7.52	2.08	0.002	0.003	0.001	0.000	05/08/2024	14:29
9	P2147-02		1	2.54	100	7.62	2.04	0.001	0.002	0.001	0.000	05/08/2024	14:30
10	P2147-03		1	2.53	100	7.56	2.08	0.002	0.002	0.000	-0.001	05/08/2024	14:31
11	P2252-06		1	2.50	100	7.41	2.04	0.038	3.085	3.047	3.969	05/08/2024	14:32
12	P2312-01		1	2.54	100	7.52	2.12	0.003	0.004	0.001	0.000	05/08/2024	14:33
13	P2312-02		1	2.52	100	7.58	2.16	0.004	0.004	0.000	-0.001	05/08/2024	14:34
14	P2398-01		1	2.51	100	7.52	2.08	0.004	0.005	0.001	0.000	05/08/2024	14:35
15	P2398-01DU		1	2.52	100	7.56	2.06	0.004	0.004	0.000	-0.001	05/08/2024	14:36
16	CCV2	0.5	1	100	100	7.42	1.92	0.000	0.383	0.383	0.498	05/08/2024	14:37
17	CCB2		1	100	100	7.28	1.75	0.000	0.001	0.001	0.000	05/08/2024	14:38
18	P2398-01MS	40	2	2.51	100	7.54	2.10	0.000	0.328	0.328	0.426	05/08/2024	14:39
19	P2398-01MS	1284	40	2.52	100	7.52	2.06	0.000	0.608	0.608	0.791	05/08/2024	14:40
20	P2398-01MS	40	2	2.52	100	7.58	2.12	0.000	0.385	0.385	0.500	05/08/2024	14:41
21	P2403-01		1	2.50	100	7.42	2.02	0.000	0.004	0.004	0.004	05/08/2024	14:42
22	P2403-02		1	2.50	100	7.44	2.02	0.000	0.009	0.009	0.010	05/08/2024	14:43
23	P2404-02		1	2.53	100	7.52	2.10	0.004	0.004	0.000	-0.001	05/08/2024	14:44
24	P2404-04		1	2.55	100	7.60	2.14	0.008	0.009	0.001	0.000	05/08/2024	14:45
25	P2404-06		1	2.53	100	7.62	2.08	0.004	0.004	0.000	-0.001	05/08/2024	14:46
26	P2411-01		1	2.53	100	7.52	2.06	0.002	0.002	0.000	-0.001	05/08/2024	14:47
27	P2412-01		1	2.57	100	7.26	2.18	0.010	0.012	0.002	0.001	05/08/2024	14:48
28	CCV3	0.5	1	100	100	7.43	1.94	0.000	0.385	0.385	0.500	05/08/2024	14:49
29	CCB3		1	100	100	7.26	1.78	0.000	0.001	0.001	0.000	05/08/2024	14:50
30	P2413-01		1	2.54	100	7.54	2.20	0.012	0.014	0.002	0.001	05/08/2024	14:51
31	P2413-05		1	2.52	100	7.52	2.24	0.004	0.004	0.000	-0.001	05/08/2024	14:52
32	P2252-06		10	2.50	100	7.41	2.04	0.000	0.379	0.379	0.492	05/08/2024	14:53
33	CCV4	0.5	1	100	100	7.45	1.92	0.000	0.383	0.383	0.498	05/08/2024	14:54
34	CCB4		1	100	100	7.24	1.75	0.000	0.000	0.000	-0.001	05/08/2024	14:55