



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB123652

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP100574
5N sulfuric acid	WP99758
HNO3 Hex-Chrome, 5M	WP99757
Hexchrome Cleaning Solution	WP98731

Intercept: 0.0005

Slope: 0.7682

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	7.34	1.96	0.000	0.000	0.000	-0.00		01/12/2023	12:10
2	CAL2	0.01	1	100	100	7.28	2.08	0.000	0.009	0.009	0.011	-10	01/12/2023	12:11
3	CAL3	0.025	1	100	100	7.52	2.34	0.000	0.020	0.020	0.025	0	01/12/2023	12:12
4	CAL4	0.05	1	100	100	7.18	2.19	0.000	0.0379	0.038	0.048	4	01/12/2023	12:13
5	CAL5	0.1	1	100	100	7.34	2.20	0.000	0.078	0.078	0.100	0	01/12/2023	12:14
6	CAL6	0.5	1	100	100	7.86	1.96	0.000	0.384	0.384	0.499	0.2	01/12/2023	12:15
7	CAL7	1	1	100	100	7.70	2.08	0.000	0.769	0.769	1.000	0	01/12/2023	12:16



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Run Number: LB123652

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	7.61	1.96	0.000	0.385	0.385	0.501	01/12/2023	12:17
2	ICB		1	100	100	7.50	2.08	0.000	0.001	0.001	0.001	01/12/2023	12:18
3	CCV1	0.5	1	100	100	7.28	1.88	0.000	0.383	0.383	0.498	01/12/2023	12:19
4	CCB1		1	100	100	7.34	1.98	0.000	0.002	0.002	0.002	01/12/2023	12:20
5	RL Check	0.01	1	100	100	7.14	2.20	0.000	0.008	0.008	0.010	01/12/2023	12:21
6	PB150225BL		1	2.50	100	7.36	2.28	0.000	0.001	0.001	0.001	01/12/2023	12:22
7	PB150225BS	20	1	2.50	100	7.80	2.30	0.000	0.384	0.384	0.499	01/12/2023	12:23
8	O1084-01		1	2.56	100	7.62	2.08	0.002	0.004	0.002	0.002	01/12/2023	12:24
9	O1090-01		1	2.52	100	7.92	1.96	0.007	0.009	0.002	0.002	01/12/2023	12:25
10	O1093-01		1	2.55	100	7.55	2.08	0.002	0.002	0.000	-0.001	01/12/2023	12:26
11	O1094-01		1	2.51	100	7.82	1.85	0.007	0.008	0.001	0.001	01/12/2023	12:27
12	O1094-03		1	2.56	100	7.42	1.98	0.006	0.008	0.002	0.002	01/12/2023	12:28
13	O1094-03DU		1	2.57	100	7.34	2.06	0.006	0.008	0.002	0.002	01/12/2023	12:29
14	O1094-03MS	40	2	2.54	100	7.36	1.96	0.009	0.327	0.318	0.413	01/12/2023	12:30
15	O1094-03MS	1284	40	2.56	100	7.28	2.20	0.004	0.612	0.608	0.791	01/12/2023	12:31
16	CCV2	0.5	1	100	100	7.18	2.15	0.000	0.384	0.384	0.499	01/12/2023	12:32
17	CCB2		1	100	100	7.52	2.24	0.000	0.001	0.001	0.001	01/12/2023	12:33
18	O1094-03MS	40	2	2.58	100	7.36	1.96	0.013	0.360	0.347	0.451	01/12/2023	12:34
19	O1106-01		1	2.52	100	7.74	2.08	0.005	0.006	0.001	0.001	01/12/2023	12:35
20	O1106-04		1	2.53	100	7.82	1.96	0.005	0.007	0.002	0.002	01/12/2023	12:36
21	O1123-01		1	2.57	100	7.32	1.98	0.018	0.020	0.002	0.002	01/12/2023	12:37
22	O1123-02		1	2.52	100	7.78	2.00	0.022	0.024	0.002	0.002	01/12/2023	12:38
23	O1123-03		1	2.54	100	7.86	2.10	0.025	0.026	0.001	0.001	01/12/2023	12:39
24	O1123-04		1	2.55	100	7.64	2.30	0.014	0.016	0.002	0.002	01/12/2023	12:40
25	O1123-05		1	2.57	100	7.89	1.96	0.024	0.026	0.002	0.002	01/12/2023	12:41
26	O1123-06		1	2.55	100	7.52	1.85	0.028	0.030	0.002	0.002	01/12/2023	12:42
27	O1123-07		1	2.51	100	7.34	1.98	0.015	0.017	0.002	0.002	01/12/2023	12:43
28	CCV3	0.5	1	100	100	7.52	1.78	0.000	0.385	0.385	0.501	01/12/2023	12:44
29	CCB3		1	100	100	7.28	1.80	0.000	0.002	0.002	0.002	01/12/2023	12:45
30	O1123-08		1	2.53	100	7.52	2.08	0.019	0.021	0.002	0.002	01/12/2023	12:46
31	O1123-09		1	2.52	100	7.28	2.20	0.010	0.011	0.001	0.001	01/12/2023	12:47
32	O1123-10		1	2.51	100	7.18	2.08	0.044	0.046	0.002	0.002	01/12/2023	12:48
33	O1124-01		1	2.56	100	7.34	1.96	0.007	0.009	0.002	0.002	01/12/2023	12:49
34	O1124-04		1	2.58	100	7.28	1.85	0.009	0.011	0.002	0.002	01/12/2023	12:50
35	O1125-01		1	2.52	100	7.80	1.96	0.014	0.016	0.002	0.002	01/12/2023	12:51
36	CCV4	0.5	1	100	100	7.79	1.72	0.000	0.384	0.384	0.499	01/12/2023	12:52
37	CCB4		1	100	100	7.28	1.86	0.000	0.001	0.001	0.001	01/12/2023	12:53