



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB125142

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP102139
5N sulfuric acid	WP99758
HNO3 Hex-Chrome, 5M	WP99757
Hexchrome Cleaning Solution	WP100882

Intercept: 0.0009

Slope: 0.7642

Regression: 0.999998

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	1.88	0.000	0.000	0.000	-0.00		04/25/2023	11:30
2	CAL2	0.01	1	100	100	7.38	1.84	0.000	0.009	0.009	0.010	0	04/25/2023	11:31
3	CAL3	0.025	1	100	100	7.34	1.88	0.000	0.020	0.020	0.024	-4	04/25/2023	11:32
4	CAL4	0.05	1	100	100	7.36	1.86	0.000	0.039	0.039	0.049	-2	04/25/2023	11:33
5	CAL5	0.1	1	100	100	7.38	1.85	0.000	0.078	0.078	0.100	0	04/25/2023	11:34
6	CAL6	0.5	1	100	100	7.40	1.88	0.000	0.383	0.383	0.5	0	04/25/2023	11:35
7	CAL7	1	1	100	100	7.36	1.86	0.000	0.765	0.765	0.999	-0.1	04/25/2023	11:36



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Run Number: LB125142

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	1.92	0.000	0.384	0.384	0.501	04/25/2023	11:37
2	ICB		1	100	100	7.28	1.70	0.000	0.001	0.001	0.000	04/25/2023	11:38
3	CCV1	0.5	1	100	100	7.46	1.94	0.000	0.384	0.384	0.501	04/25/2023	11:39
4	CCB1		1	100	100	7.26	1.72	0.000	0.001	0.001	0.000	04/25/2023	11:40
5	RL Check	0.01	1	100	100	7.38	1.86	0.000	0.009	0.009	0.011	04/25/2023	11:41
6	PB152389BL		1	2.50	100	7.30	1.74	0.000	0.001	0.001	0.000	04/25/2023	11:42
7	PB152389BS	20	1	2.50	100	7.40	1.80	0.000	0.385	0.385	0.503	04/25/2023	11:43
8	O2427-05		1	2.52	100	7.52	2.28	0.036	0.037	0.001	0.000	04/25/2023	11:44
9	O2427-06		1	2.53	100	7.58	2.20	0.036	0.036	0.000	-0.001	04/25/2023	11:45
10	O2427-07		1	2.53	100	7.56	2.18	0.036	0.038	0.002	0.001	04/25/2023	11:46
11	O2427-08		1	2.55	100	7.62	2.20	0.027	0.027	0.000	-0.001	04/25/2023	11:47
12	O2427-09		1	2.53	100	7.60	2.22	0.038	0.039	0.001	0.000	04/25/2023	11:48
13	O2427-10		1	2.52	100	7.62	2.30	0.037	0.038	0.001	0.000	04/25/2023	11:49
14	O2427-11		1	2.54	100	7.62	2.32	0.037	0.038	0.001	0.000	04/25/2023	11:50
15	O2427-12		1	2.53	100	7.64	2.28	0.037	0.038	0.001	0.000	04/25/2023	11:51
16	CCV2	0.5	1	100	100	7.48	1.90	0.000	0.384	0.384	0.501	04/25/2023	11:52
17	CCB2		1	100	100	7.28	1.72	0.000	0.001	0.001	0.000	04/25/2023	11:53
18	O2427-12DU		1	2.51	100	7.62	2.28	0.036	0.037	0.001	0.000	04/25/2023	11:54
19	O2427-12MS	40	2	2.53	100	7.60	2.24	0.035	0.035	0.000	-0.001	04/25/2023	11:55
20	O2427-12MS	1284	40	2.52	100	7.64	2.28	0.036	0.036	0.000	-0.001	04/25/2023	11:56
21	O2427-12MS	40	2	2.52	100	7.62	2.26	0.000	0.001	0.001	0.000	04/25/2023	11:57
22	O2448-02		1	2.53	100	7.66	2.26	0.036	0.036	0.000	-0.001	04/25/2023	11:58
23	O2448-02DU		1	2.52	100	7.62	2.28	0.037	0.037	0.000	-0.001	04/25/2023	11:59
24	O2448-02MS	40	2	2.54	100	7.64	2.24	0.038	0.038	0.000	-0.001	04/25/2023	12:00
25	O2448-02MS	1284	40	2.53	100	7.62	2.26	0.000	0.700	0.700	0.915	04/25/2023	12:01
26	O2448-02MS	40	2	2.52	100	7.60	2.28	0.039	0.039	0.000	-0.001	04/25/2023	12:02
27	O2448-05		1	2.51	100	7.68	2.26	0.037	0.038	0.001	0.000	04/25/2023	12:03
28	CCV3	0.5	1	100	100	7.38	1.90	0.000	0.384	0.384	0.501	04/25/2023	12:04
29	CCB3		1	100	100	7.26	1.74	0.000	0.001	0.001	0.000	04/25/2023	12:05
30	O2448-06		1	2.54	100	7.60	2.24	0.038	0.038	0.000	-0.001	04/25/2023	12:06
31	O2448-07		1	2.55	100	7.64	2.24	0.031	0.032	0.001	0.000	04/25/2023	12:07
32	O2448-08		1	2.53	100	7.68	2.22	0.034	0.036	0.002	0.001	04/25/2023	12:08
33	O2448-09		1	2.52	100	7.62	2.18	0.021	0.022	0.001	0.000	04/25/2023	12:09
34	O2464-01		1	2.55	100	7.64	2.16	0.038	0.039	0.001	0.000	04/25/2023	12:10
35	O2464-03		1	2.54	100	7.62	2.16	0.038	0.039	0.001	0.000	04/25/2023	12:11
36	O2467-02		1	2.54	100	7.64	2.08	0.010	0.012	0.002	0.001	04/25/2023	12:12
37	CCV4	0.5	1	100	100	7.42	1.92	0.000	0.383	0.383	0.500	04/25/2023	12:13
38	CCB4		1	100	100	7.28	1.74	0.000	0.001	0.001	0.000	04/25/2023	12:14