



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB127651

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP104544
5N sulfuric acid	WP102263
HNO3 Hex-Chrome, 5M	WP102262
HEX LOD STD, 0.005PPM	WP104547
Hexchrome Cleaning Solution	WP103556
Hex LOQ Std, 0.01PPM	WP104548

Intercept: 0.0013

Slope: 0.7645

Regression: 0.999995

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	7.27	1.75	0.000	0.000	0.000	-0.00		10/06/2023	11:30
2	CAL2	0.01	1	100	100	7.38	1.86	0.000	0.009	0.009	0.010	0	10/06/2023	11:31
3	CAL3	0.025	1	100	100	7.36	1.87	0.000	0.021	0.021	0.025	0	10/06/2023	11:32
4	CAL4	0.05	1	100	100	7.38	1.86	0.000	0.039	0.039	0.049	-2	10/06/2023	11:33
5	CAL5	0.1	1	100	100	7.37	1.85	0.000	0.078	0.078	0.100	0	10/06/2023	11:34
6	CAL6	0.5	1	100	100	7.41	1.90	0.000	0.385	0.385	0.501	0.2	10/06/2023	11:35
7	CAL7	1	1	100	100	7.36	1.88	0.000	0.765	0.765	0.998	-0.2	10/06/2023	11:36



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Run Number: LB127651

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	0.383	0.383	0.499	10/06/2023	11:37
2	ICB		1	100	100	7.28	1.76	0.000	0.001	0.001	0.000	10/06/2023	11:38
3	CCV1	0.5	1	100	100	7.43	1.94	0.000	0.385	0.385	0.502	10/06/2023	11:39
4	CCB1		1	100	100	7.26	1.78	0.000	0.001	0.001	0.000	10/06/2023	11:40
5	RL Check	0.01	1	100	100	7.41	1.91	0.000	0.009	0.009	0.010	10/06/2023	11:41
6	PB156088BL		1	2.50	100	7.25	1.75	0.000	0.001	0.001	0.000	10/06/2023	11:42
7	PB156088BS	20	1	2.50	100	7.40	1.92	0.000	0.384	0.384	0.501	10/06/2023	11:43
8	O4699-01		1	2.50	100	7.41	2.08	0.000	0.005	0.005	0.005	10/06/2023	11:44
9	O4699-02		1	2.50	100	7.42	2.00	0.000	0.009	0.009	0.010	10/06/2023	11:45
10	O4712-01		1	2.55	100	7.52	2.10	0.004	0.006	0.002	0.001	10/06/2023	11:46
11	O4712-04		1	2.53	100	7.62	1.88	0.008	0.010	0.002	0.001	10/06/2023	11:47
12	O4714-01		1	2.51	100	7.58	2.16	0.038	0.038	0.000	-0.002	10/06/2023	11:48
13	O4714-04		1	2.52	100	7.52	2.08	0.019	0.020	0.001	0.000	10/06/2023	11:49
14	O4714-07		1	2.54	100	7.60	2.06	0.030	0.030	0.000	-0.002	10/06/2023	11:50
15	O4714-10		1	2.52	100	7.54	2.14	0.036	0.038	0.002	0.001	10/06/2023	11:51
16	CCV2	0.5	1	100	100	7.42	1.93	0.000	0.384	0.384	0.501	10/06/2023	11:52
17	CCB2		1	100	100	7.26	1.78	0.000	0.001	0.001	0.000	10/06/2023	11:53
18	O4731-01		1	2.54	100	7.52	2.08	0.002	0.004	0.002	0.001	10/06/2023	11:54
19	O4731-04		1	2.54	100	7.58	2.06	0.006	0.008	0.002	0.001	10/06/2023	11:55
20	O4731-04DU		1	2.53	100	7.54	2.08	0.006	0.007	0.001	0.000	10/06/2023	11:56
21	O4731-04MS	40	2	2.54	100	7.58	2.10	0.005	0.340	0.335	0.436	10/06/2023	11:57
22	O4731-04MS	1284	40	2.53	100	7.54	2.08	0.002	0.589	0.587	0.766	10/06/2023	11:58
23	O4731-04MS	40	2	2.52	100	7.52	2.10	0.000	0.389	0.389	0.507	10/06/2023	11:59
24	O4731-07		1	2.53	100	7.62	2.14	0.004	0.005	0.001	0.000	10/06/2023	12:00
25	O4733-01		1	2.54	100	7.66	2.08	0.037	0.038	0.001	0.000	10/06/2023	12:01
26	O4736-02		1	2.52	100	7.60	2.18	0.017	0.018	0.001	0.000	10/06/2023	12:02
27	O4736-04		1	2.54	100	7.56	2.08	0.008	0.009	0.001	0.000	10/06/2023	12:03
28	CCV3	0.5	1	100	100	7.44	1.94	0.000	0.383	0.383	0.499	10/06/2023	12:04
29	CCB3		1	100	100	7.28	1.75	0.000	0.001	0.001	0.000	10/06/2023	12:05
30	O4764-01		1	2.53	100	7.52	2.10	0.000	0.001	0.001	0.000	10/06/2023	12:06
31	O4778-01		1	2.54	100	7.54	2.06	0.036	0.038	0.002	0.001	10/06/2023	12:07
32	O4778-04		1	2.51	100	7.52	2.16	0.006	0.007	0.001	0.000	10/06/2023	12:08
33	O4778-07		1	2.53	100	7.60	2.20	0.036	0.038	0.002	0.001	10/06/2023	12:09
34	O4787-01		1	2.55	100	7.62	2.08	0.004	0.006	0.002	0.001	10/06/2023	12:10
35	CCV4	0.5	1	100	100	7.43	1.94	0.000	0.385	0.385	0.502	10/06/2023	12:11
36	CCB4		1	100	100	7.26	1.76	0.000	0.001	0.001	0.000	10/06/2023	12:12