



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB126139

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP103034
5N sulfuric acid	WP102263
HNO3 Hex-Chrome, 5M	WP102262
Hexchrome Cleaning Solution	WP100882

Intercept: 0.0014

Slope: 0.7644

Regression: 0.999993

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	7.28	1.80	0.000	0.000	0.000	-0.00		06/23/2023	08:00
2	CAL2	0.01	1	100	100	7.41	1.90	0.000	0.008	0.008	0.008	-20	06/23/2023	08:01
3	CAL3	0.025	1	100	100	7.37	1.88	0.000	0.021	0.021	0.025	0	06/23/2023	08:02
4	CAL4	0.05	1	100	100	7.38	1.87	0.000	0.040	0.040	0.050	0	06/23/2023	08:03
5	CAL5	0.1	1	100	100	7.38	1.88	0.000	0.079	0.079	0.101	1	06/23/2023	08:04
6	CAL6	0.5	1	100	100	7.43	1.92	0.000	0.385	0.385	0.501	0.2	06/23/2023	08:05
7	CAL7	1	1	100	100	7.37	1.89	0.000	0.765	0.765	0.998	-0.2	06/23/2023	08:06



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Run Number: LB126139

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	1.93	0.000	0.385	0.385	0.502	06/23/2023	08:07
2	ICB		1	100	100	7.29	1.80	0.000	0.001	0.001	-0.001	06/23/2023	08:08
3	CCV1	0.5	1	100	100	7.43	1.92	0.000	0.383	0.383	0.499	06/23/2023	08:09
4	CCB1		1	100	100	7.30	1.78	0.000	0.001	0.001	-0.001	06/23/2023	08:10
5	RL Check	0.01	1	100	100	7.40	1.90	0.000	0.008	0.008	0.009	06/23/2023	08:11
6	PB153668BL		1	2.50	100	7.28	1.80	0.000	0.001	0.001	-0.001	06/23/2023	08:12
7	PB153668BS	20	1	2.50	100	7.39	1.89	0.000	0.384	0.384	0.501	06/23/2023	08:13
8	O3331-01		1	2.52	100	7.55	2.08	0.016	0.017	0.001	-0.001	06/23/2023	08:14
9	O3331-08		1	2.51	100	7.62	2.10	0.036	0.038	0.002	0.001	06/23/2023	08:15
10	O3331-14		1	2.55	100	7.66	2.06	0.008	0.010	0.002	0.001	06/23/2023	08:16
11	O3331-20		1	2.53	100	7.56	2.18	0.022	0.024	0.002	0.001	06/23/2023	08:17
12	O3331-26		1	2.53	100	7.52	2.08	0.026	0.026	0.000	-0.002	06/23/2023	08:18
13	O3337-01		1	2.54	100	7.50	2.02	0.010	0.014	0.004	0.003	06/23/2023	08:19
14	O3337-04		1	2.52	100	7.64	2.14	0.002	0.009	0.007	0.007	06/23/2023	08:20
15	O3337-07		1	2.53	100	7.70	2.20	0.001	0.009	0.008	0.009	06/23/2023	08:21
16	CCV2	0.5	1	100	100	7.42	1.92	0.000	0.383	0.383	0.499	06/23/2023	08:22
17	CCB2		1	100	100	7.28	1.78	0.000	0.001	0.001	-0.001	06/23/2023	08:23
18	O3337-10		1	2.55	100	7.68	2.10	0.022	0.031	0.009	0.010	06/23/2023	08:24
19	O3337-13		1	2.56	100	7.62	2.16	0.014	0.014	0.000	-0.002	06/23/2023	08:25
20	O3337-16		1	2.53	100	7.56	2.12	0.005	0.012	0.007	0.007	06/23/2023	08:26
21	O3337-19		1	2.52	100	7.52	2.10	0.010	0.016	0.006	0.006	06/23/2023	08:27
22	O3357-01		1	2.55	100	7.52	2.14	0.012	0.013	0.001	-0.001	06/23/2023	08:28
23	O3357-01DU		1	2.54	100	7.54	2.12	0.011	0.012	0.001	-0.001	06/23/2023	08:29
24	O3357-01MS	40	2	2.54	100	7.52	2.16	0.009	0.178	0.169	0.219	06/23/2023	08:30
25	O3357-01MS	1284	40	2.55	100	7.54	2.14	0.000	0.522	0.522	0.681	06/23/2023	08:31
26	O3357-01MS	40	2	2.55	100	7.55	2.12	0.006	0.282	0.276	0.359	06/23/2023	08:32
27	O3357-06		1	2.51	100	7.62	2.10	0.005	0.006	0.001	-0.001	06/23/2023	08:33
28	CCV3	0.5	1	100	100	7.43	1.92	0.000	0.384	0.384	0.501	06/23/2023	08:34
29	CCB3		1	100	100	7.28	1.80	0.000	0.001	0.001	-0.001	06/23/2023	08:35
30	O3357-11		1	2.53	100	7.52	2.06	0.004	0.004	0.000	-0.002	06/23/2023	08:36
31	O3357-16		1	2.54	100	7.56	2.10	0.004	0.004	0.000	-0.002	06/23/2023	08:37
32	O3361-01		1	2.52	100	7.54	2.22	0.010	0.012	0.002	0.001	06/23/2023	08:38
33	O3361-07		1	2.51	100	7.52	2.16	0.0132	0.014	0.001	-0.001	06/23/2023	08:39
34	O3361-13		1	2.56	100	7.56	2.10	0.012	0.014	0.002	0.001	06/23/2023	08:40
35	O3361-19		1	2.54	100	7.62	2.08	0.010	0.012	0.002	0.001	06/23/2023	08:41
36	CCV4	0.5	1	100	100	7.43	1.93	0.000	0.385	0.385	0.502	06/23/2023	08:42
37	CCB4		1	100	100	7.30	1.80	0.000	0.001	0.001	-0.001	06/23/2023	08:43