



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB124217

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP101071
5N sulfuric acid	WP99758
HNO3 Hex-Chrome, 5M	WP99757
Hexchrome Cleaning Solution	WP100882

Intercept: 0.0008

Slope: 0.7635

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	7.28	2.08	0.000	0.000	0.000	-0.00		02/23/2023	11:40
2	CAL2	0.01	1	100	100	7.36	2.10	0.000	0.008	0.008	0.009	-10	02/23/2023	11:41
3	CAL3	0.025	1	100	100	7.52	2.08	0.000	0.020	0.020	0.025	0	02/23/2023	11:42
4	CAL4	0.05	1	100	100	7.52	2.18	0.000	0.039	0.039	0.050	0	02/23/2023	11:43
5	CAL5	0.1	1	100	100	7.28	2.20	0.000	0.078	0.078	0.101	1	02/23/2023	11:44
6	CAL6	0.5	1	100	100	7.28	2.14	0.000	0.383	0.383	0.500	0	02/23/2023	11:45
7	CAL7	1	1	100	100	7.42	2.10	0.000	0.764	0.764	0.999	-0.1	02/23/2023	11:46



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Run Number: LB124217

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	7.28	1.96	0.000	0.384	0.384	0.502	02/23/2023	11:47
2	ICB		1	100	100	7.52	1.85	0.000	0.001	0.001	0.000	02/23/2023	11:48
3	CCV1	0.5	1	100	100	7.60	1.96	0.000	0.385	0.385	0.503	02/23/2023	11:49
4	CCB1		1	100	100	7.34	2.06	0.000	0.001	0.001	0.000	02/23/2023	11:50
5	RL Check	0.01	1	100	100	7.52	2.08	0.000	0.009	0.009	0.011	02/23/2023	11:51
6	PB151038BL		1	2.50	100	7.36	1.96	0.000	0.001	0.001	0.000	02/23/2023	11:52
7	PB151038BS	20	1	2.50	100	7.52	2.10	0.000	0.384	0.384	0.502	02/23/2023	11:53
8	O1627-01		1	2.56	100	7.36	2.10	0.000	0.004	0.004	0.004	02/23/2023	11:54
9	O1627-02		1	2.52	100	7.36	2.12	0.000	0.008	0.008	0.009	02/23/2023	11:55
10	O1638-01		1	2.53	100	7.28	2.18	0.024	0.025	0.001	0.000	02/23/2023	11:56
11	O1638-01DU		1	2.53	100	7.28	2.18	0.025	0.026	0.001	0.000	02/23/2023	11:57
12	O1638-01MS	40	2	2.51	100	7.34	2.20	0.009	0.342	0.333	0.435	02/23/2023	11:58
13	O1638-01MS	1284	40	2.56	100	7.52	2.26	0.004	0.614	0.610	0.798	02/23/2023	11:59
14	O1638-01MS	40	2	2.57	100	7.36	2.18	0.011	0.367	0.356	0.465	02/23/2023	12:00
15	O1639-01		1	2.53	100	7.60	1.96	0.018	0.020	0.002	0.002	02/23/2023	12:01
16	CCV2	0.5	1	100	100	7.28	1.85	0.000	0.385	0.385	0.503	02/23/2023	12:02
17	CCB2		1	100	100	7.52	2.06	0.000	0.001	0.001	0.000	02/23/2023	12:03
18	O1640-01		1	2.56	100	7.62	1.96	0.007	0.009	0.002	0.002	02/23/2023	12:04
19	O1640-02		1	2.53	100	7.74	1.85	0.021	0.022	0.001	0.000	02/23/2023	12:05
20	O1640-03		1	2.54	100	7.70	2.08	0.008	0.010	0.002	0.002	02/23/2023	12:06
21	O1640-04		1	2.52	100	7.50	1.88	0.009	0.009	0.000	-0.001	02/23/2023	12:07
22	O1645-01		1	2.55	100	7.58	2.28	0.023	0.025	0.002	0.002	02/23/2023	12:08
23	O1654-01		1	2.52	100	7.68	2.08	0.010	0.012	0.002	0.002	02/23/2023	12:09
24	O1657-01		1	2.56	100	7.74	2.08	0.015	0.017	0.002	0.002	02/23/2023	12:10
25	O1657-02		1	2.57	100	7.34	2.32	0.036	0.038	0.002	0.002	02/23/2023	12:11
26	O1658-01		1	2.55	100	7.34	1.96	0.006	0.008	0.002	0.002	02/23/2023	12:12
27	O1659-01		1	2.51	100	7.36	1.85	0.005	0.007	0.002	0.002	02/23/2023	12:13
28	CCV3	0.5	1	100	100	7.52	2.08	0.000	0.384	0.384	0.502	02/23/2023	12:14
29	CCB3		1	100	100	7.34	1.85	0.000	0.001	0.001	0.000	02/23/2023	12:15
30	O1660-01		1	2.54	100	7.34	1.88	0.007	0.007	0.000	-0.001	02/23/2023	12:16
31	O1661-01		1	2.57	100	7.36	2.30	0.005	0.013	0.008	0.009	02/23/2023	12:17
32	O1662-01		1	2.52	100	7.28	2.26	0.004	0.011	0.007	0.008	02/23/2023	12:18
33	O1663-01		1	2.51	100	7.82	2.24	0.004	0.022	0.018	0.023	02/23/2023	12:19
34	CCV4	0.5	1	100	100	7.34	2.06	0.000	0.383	0.383	0.501	02/23/2023	12:20
35	CCB4		1	100	100	7.56	1.82	0.000	0.001	0.001	0.000	02/23/2023	12:21