



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB127220

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP104081
5N sulfuric acid	WP102263
HNO3 Hex-Chrome, 5M	WP102262
Hexchrome Cleaning Solution	WP103556

Intercept: 0.0012

Slope: 0.7669

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	7.27	1.76	0.000	0.000	0.000	-0.00		09/11/2023	12:30
2	CAL2	0.01	1	100	100	7.37	1.86	0.000	0.009	0.009	0.010	0	09/11/2023	12:31
3	CAL3	0.025	1	100	100	7.38	1.88	0.000	0.021	0.021	0.025	0	09/11/2023	12:32
4	CAL4	0.05	1	100	100	7.36	1.86	0.000	0.040	0.040	0.050	0	09/11/2023	12:33
5	CAL5	0.1	1	100	100	7.37	1.87	0.000	0.078	0.078	0.100	0	09/11/2023	12:34
6	CAL6	0.5	1	100	100	7.42	1.90	0.000	0.385	0.385	0.500	0	09/11/2023	12:35
7	CAL7	1	1	100	100	7.36	1.88	0.000	0.768	0.768	0.999	-0.1	09/11/2023	12:36



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Run Number: LB127220

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	7.40	1.92	0.000	0.385	0.385	0.500	09/11/2023	12:37
2	ICB		1	100	100	7.26	1.76	0.000	0.001	0.001	0.000	09/11/2023	12:38
3	CCV1	0.5	1	100	100	7.44	1.93	0.000	0.383	0.383	0.498	09/11/2023	12:39
4	CCB1		1	100	100	7.27	1.78	0.000	0.001	0.001	0.000	09/11/2023	12:40
5	RL Check	0.01	1	100	100	7.41	1.91	0.000	0.009	0.009	0.010	09/11/2023	12:41
6	PB155384BL		1	2.50	100	7.28	1.76	0.000	0.001	0.001	0.000	09/11/2023	12:42
7	PB155384BS	20	1	2.50	100	7.42	1.92	0.000	0.384	0.384	0.499	09/11/2023	12:43
8	O4116-01		1	2.52	100	7.52	2.08	0.034	0.035	0.001	0.000	09/11/2023	12:44
9	O4116-03		1	2.54	100	7.58	2.10	0.036	0.038	0.002	0.001	09/11/2023	12:45
10	O4116-05		1	2.53	100	7.62	2.06	0.037	0.038	0.001	0.000	09/11/2023	12:46
11	O4116-07		1	2.53	100	7.56	2.16	0.037	0.038	0.001	0.000	09/11/2023	12:47
12	O4293-01		1	2.51	100	7.64	2.08	0.036	0.038	0.002	0.001	09/11/2023	12:48
13	O4305-01		1	2.52	100	7.62	2.10	0.005	0.007	0.002	0.001	09/11/2023	12:49
14	O4310-01		1	2.54	100	7.54	2.20	0.002	0.004	0.002	0.001	09/11/2023	12:50
15	O4334-02		1	2.52	100	7.56	2.12	0.038	0.038	0.000	-0.002	09/11/2023	12:51
16	CCV2	0.5	1	100	100	7.43	1.94	0.000	0.384	0.384	0.499	09/11/2023	12:52
17	CCB2		1	100	100	7.28	1.77	0.000	0.001	0.001	0.000	09/11/2023	12:53
18	O4338-01		1	2.54	100	7.52	2.06	0.007	0.008	0.001	0.000	09/11/2023	12:54
19	O4338-04		1	2.55	100	7.60	2.10	0.014	0.015	0.001	0.000	09/11/2023	12:55
20	O4338-07		1	2.53	100	7.66	2.18	0.037	0.037	0.000	-0.002	09/11/2023	12:56
21	O4351-02		1	2.52	100	7.52	2.06	0.002	0.004	0.002	0.001	09/11/2023	12:57
22	O4351-02DU		1	2.53	100	7.54	2.08	0.004	0.004	0.000	-0.002	09/11/2023	12:58
23	O4351-02MS	40	2	2.52	100	7.52	2.06	0.003	0.337	0.334	0.434	09/11/2023	12:59
24	O4351-02MS	1284	40	2.52	100	7.54	2.06	0.000	0.536	0.536	0.697	09/11/2023	13:00
25	O4351-02MS	40	2	2.54	100	7.56	2.10	0.004	0.397	0.393	0.511	09/11/2023	13:01
26	O4351-04		1	2.55	100	7.62	2.16	0.007	0.008	0.001	0.000	09/11/2023	13:02
27	O4351-06		1	2.51	100	7.52	2.06	0.002	0.004	0.002	0.001	09/11/2023	13:03
28	CCV3	0.5	1	100	100	7.44	1.93	0.000	0.386	0.386	0.502	09/11/2023	13:04
29	CCB3		1	100	100	7.27	1.76	0.000	0.001	0.001	0.000	09/11/2023	13:05
30	O4351-08		1	2.53	100	7.62	2.10	0.010	0.011	0.001	0.000	09/11/2023	13:06
31	O4351-10		1	2.53	100	7.58	2.08	0.002	0.004	0.002	0.001	09/11/2023	13:07
32	CCV4	0.5	1	100	100	7.43	1.93	0.000	0.384	0.384	0.499	09/11/2023	13:08
33	CCB4		1	100	100	7.26	1.76	0.000	0.001	0.001	0.000	09/11/2023	13:09