



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB127513

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP104396
5N sulfuric acid	WP102263
HNO3 Hex-Chrome, 5M	WP102262
Hexchrome Cleaning Solution	WP103556

Intercept: 0.0012

Slope: 0.7659

Regression: 0.999996

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	1.77	0.000	0.000	0.000	-0.00		09/28/2023	11:50
2	CAL2	0.01	1	100	100	7.38	1.86	0.000	0.008	0.008	0.008	-20	09/28/2023	11:51
3	CAL3	0.025	1	100	100	7.36	1.88	0.000	0.021	0.021	0.025	0	09/28/2023	11:52
4	CAL4	0.05	1	100	100	7.36	1.87	0.000	0.040	0.040	0.050	0	09/28/2023	11:53
5	CAL5	0.1	1	100	100	7.37	1.88	0.000	0.079	0.079	0.101	1	09/28/2023	11:54
6	CAL6	0.5	1	100	100	7.41	1.92	0.000	0.384	0.384	0.499	-0.2	09/28/2023	11:55
7	CAL7	1	1	100	100	7.38	1.87	0.000	0.767	0.767	0.999	-0.1	09/28/2023	11:56



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Run Number: LB127513

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	0.501	09/28/2023	11:57
2	ICB		1	100	100	7.28	1.76	0.000	0.001	0.001	0.000	09/28/2023	11:58
3	CCV1	0.5	1	100	100	7.44	1.93	0.000	0.383	0.383	0.498	09/28/2023	11:59
4	CCB1		1	100	100	7.27	1.79	0.000	0.001	0.001	0.000	09/28/2023	12:00
5	RL Check	0.01	1	100	100	7.41	1.90	0.000	0.009	0.009	0.010	09/28/2023	12:01
6	PB155786BL		1	2.50	100	7.29	1.78	0.000	0.001	0.001	0.000	09/28/2023	12:02
7	PB155786BS	20	1	2.50	100	7.42	1.90	0.000	0.385	0.385	0.501	09/28/2023	12:03
8	O4587-01		1	2.56	100	7.54	2.08	0.010	0.012	0.002	0.001	09/28/2023	12:04
9	O4597-01		1	2.54	100	7.52	2.10	0.006	0.008	0.002	0.001	09/28/2023	12:05
10	O4601-01		1	2.53	100	7.58	2.06	0.004	0.006	0.002	0.001	09/28/2023	12:06
11	O4601-01DU		1	2.54	100	7.56	2.08	0.004	0.006	0.002	0.001	09/28/2023	12:07
12	O4601-01MS	40	2	2.53	100	7.58	2.08	0.002	0.368	0.366	0.476	09/28/2023	12:08
13	O4601-01MS	1284	40	2.52	100	7.54	2.06	0.000	0.545	0.545	0.710	09/28/2023	12:09
14	O4601-01MS	40	2	2.54	100	7.58	2.10	0.006	0.392	0.386	0.502	09/28/2023	12:10
15	O4601-04		1	2.54	100	7.62	2.16	0.004	0.006	0.002	0.001	09/28/2023	12:11
16	CCV2	0.5	1	100	100	7.44	1.94	0.000	0.383	0.383	0.498	09/28/2023	12:12
17	CCB2		1	100	100	7.27	1.80	0.000	0.001	0.001	0.000	09/28/2023	12:13
18	O4604-01		1	2.55	100	7.52	2.08	0.010	0.010	0.000	-0.002	09/28/2023	12:14
19	O4620-09		1	2.56	100	7.62	2.18	0.038	0.038	0.000	-0.002	09/28/2023	12:15
20	O4620-12		1	2.53	100	7.66	2.10	0.001	0.001	0.000	-0.002	09/28/2023	12:16
21	O4621-02		1	2.53	100	7.58	2.14	0.016	0.018	0.002	0.001	09/28/2023	12:17
22	CCV3	0.5	1	100	100	7.43	1.93	0.000	0.385	0.385	0.501	09/28/2023	12:18
23	CCB3		1	100	100	7.26	1.77	0.000	0.001	0.001	0.000	09/28/2023	12:19