



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB129977

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP106982
5N sulfuric acid	WP105081
HNO3 Hex-Chrome, 5M	WP105080
Hexchrome Cleaning Solution	WP106152

Intercept: 0.0016

Slope: 0.7674

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	7.28	1.75	0.000	0.000	0.000	-0.00		03/21/2024	12:00
2	CAL2	0.01	1	100	100	7.36	1.88	0.000	0.010	0.010	0.010	0	03/21/2024	12:01
3	CAL3	0.025	1	100	100	7.38	1.85	0.000	0.021	0.021	0.025	0	03/21/2024	12:02
4	CAL4	0.05	1	100	100	7.35	1.87	0.000	0.040	0.040	0.050	0	03/21/2024	12:03
5	CAL5	0.1	1	100	100	7.36	1.88	0.000	0.079	0.079	0.100	0	03/21/2024	12:04
6	CAL6	0.5	1	100	100	7.39	1.85	0.000	0.385	0.385	0.499	-0.2	03/21/2024	12:05
7	CAL7	1	1	100	100	7.37	1.86	0.000	0.769	0.769	1	0	03/21/2024	12:06



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Run Number: LB129977

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	7.41	1.92	0.000	0.384	0.384	0.498	03/21/2024	12:07
2	ICB		1	100	100	7.25	1.77	0.000	0.001	0.001	-0.001	03/21/2024	12:08
3	CCV1	0.5	1	100	100	7.44	1.93	0.000	0.383	0.383	0.497	03/21/2024	12:09
4	CCB1		1	100	100	7.27	1.74	0.000	0.001	0.001	-0.001	03/21/2024	12:10
5	RL Check	0.01	1	100	100	7.40	1.92	0.000	0.010	0.010	0.011	03/21/2024	12:11
6	PB159673BL		1	2.50	100	7.28	1.78	0.000	0.001	0.001	-0.001	03/21/2024	12:12
7	PB159673BS	20	1	2.50	100	7.42	1.92	0.000	0.386	0.386	0.501	03/21/2024	12:13
8	P1792-01		1	2.51	100	7.52	2.06	0.014	0.016	0.002	0.001	03/21/2024	12:14
9	P1803-01		1	2.53	100	7.62	2.10	0.012	0.014	0.002	0.001	03/21/2024	12:15
10	P1803-01DU		1	2.52	100	7.58	2.10	0.012	0.013	0.001	-0.001	03/21/2024	12:16
11	P1803-01MS	40	2	2.51	100	7.56	2.08	0.006	0.302	0.296	0.384	03/21/2024	12:17
12	P1803-01MS	1284	40	2.53	100	7.58	2.06	0.000	0.506	0.506	0.657	03/21/2024	12:18
13	P1803-01MS	40	2	2.52	100	7.60	2.12	0.008	0.384	0.376	0.488	03/21/2024	12:19
14	P1815-01		1	2.53	100	7.52	2.08	0.006	0.008	0.002	0.001	03/21/2024	12:20
15	P1816-01		1	2.51	100	7.56	2.10	0.008	0.009	0.001	-0.001	03/21/2024	12:21
16	CCV2	0.5	1	100	100	7.42	1.93	0.000	0.384	0.384	0.498	03/21/2024	12:22
17	CCB2		1	100	100	7.24	1.74	0.000	0.001	0.001	-0.001	03/21/2024	12:23
18	P1817-01		1	2.54	100	7.52	2.20	0.002	0.006	0.004	0.003	03/21/2024	12:24
19	P1817-02		1	2.53	100	7.58	2.22	0.001	0.004	0.003	0.002	03/21/2024	12:25
20	P1817-03		1	2.52	100	7.68	2.28	0.038	0.038	0.000	-0.002	03/21/2024	12:26
21	CCV3	0.5	1	100	100	7.43	1.91	0.000	0.383	0.383	0.497	03/21/2024	12:27
22	CCB3		1	100	100	7.26	1.75	0.000	0.001	0.001	-0.001	03/21/2024	12:28