



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB127707

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP104544
5N sulfuric acid	WP102263
HNO3 Hex-Chrome, 5M	WP102262
HEX LOD STD, 0.005PPM	WP104608
Hexchrome Cleaning Solution	WP103556

Intercept: 0.0014

Slope: 0.7652

Regression: 0.999995

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	1.78	0.000	0.000	0.000	-0.00		10/10/2023	12:20
2	CAL2	0.01	1	100	100	7.37	1.88	0.000	0.009	0.009	0.009	-10	10/10/2023	12:21
3	CAL3	0.025	1	100	100	7.36	1.86	0.000	0.021	0.021	0.025	0	10/10/2023	12:22
4	CAL4	0.05	1	100	100	7.38	1.87	0.000	0.039	0.039	0.049	-2	10/10/2023	12:23
5	CAL5	0.1	1	100	100	7.36	1.86	0.000	0.079	0.079	0.101	1	10/10/2023	12:24
6	CAL6	0.5	1	100	100	7.41	1.90	0.000	0.385	0.385	0.501	0.2	10/10/2023	12:25
7	CAL7	1	1	100	100	7.38	1.88	0.000	0.766	0.766	0.999	-0.1	10/10/2023	12:26



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Run Number: LB127707

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	1.91	0.000	0.383	0.383	0.499	10/10/2023	12:27
2	ICB		1	100	100	7.26	1.76	0.000	0.001	0.001	-0.001	10/10/2023	12:28
3	CCV1	0.5	1	100	100	7.42	1.93	0.000	0.385	0.385	0.501	10/10/2023	12:29
4	CCB1		1	100	100	7.27	1.78	0.000	0.001	0.001	-0.001	10/10/2023	12:30
5	RL Check	0.01	1	100	100	7.40	1.90	0.000	0.009	0.009	0.010	10/10/2023	12:31
6	PB156240BL		1	2.50	100	7.28	1.77	0.000	0.001	0.001	-0.001	10/10/2023	12:32
7	PB156240BS	20	1	2.50	100	7.41	1.91	0.000	0.383	0.383	0.499	10/10/2023	12:33
8	O4699-03		1	2.54	100	7.40	2.08	0.000	0.005	0.005	0.005	10/10/2023	12:34
9	O4800-01		1	2.52	100	7.52	2.10	0.009	0.011	0.002	0.001	10/10/2023	12:35
10	O4812-01		1	2.51	100	7.60	2.18	0.003	0.019	0.016	0.019	10/10/2023	12:36
11	O4817-01		1	2.54	100	7.54	2.08	0.008	0.010	0.002	0.001	10/10/2023	12:37
12	O4817-01DU		1	2.53	100	7.58	2.10	0.008	0.009	0.001	-0.001	10/10/2023	12:38
13	O4817-01MS	40	2	2.54	100	7.52	2.08	0.005	0.179	0.174	0.226	10/10/2023	12:39
14	O4817-01MS	1284	40	2.53	100	7.54	2.08	0.000	0.538	0.538	0.701	10/10/2023	12:40
15	O4817-01MS	40	2	2.54	100	7.58	2.12	0.004	0.340	0.336	0.437	10/10/2023	12:41
16	CCV2	0.5	1	100	100	7.44	1.94	0.000	0.384	0.384	0.500	10/10/2023	12:42
17	CCB2		1	100	100	7.28	1.76	0.000	0.001	0.001	-0.001	10/10/2023	12:43
18	O4817-04		1	2.51	100	7.52	2.08	0.003	0.011	0.008	0.009	10/10/2023	12:44
19	CCV3	0.5	1	100	100	7.43	1.93	0.000	0.383	0.383	0.499	10/10/2023	12:45
20	CCB3		1	100	100	7.26	1.78	0.000	0.001	0.001	-0.001	10/10/2023	12:46