



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB129153

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP106056
5N sulfuric acid	WP105081
HNO3 Hex-Chrome, 5M	WP105080
Hexchrome Cleaning Solution	WP103556

Intercept: 0.0009

Slope: 0.7668

Regression: 0.999991

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	7.26	1.74	0.000	0.000	0.000	-0.00		01/15/2024	14:15
2	CAL2	0.01	1	100	100	7.37	1.88	0.000	0.008	0.008	0.009	-10	01/15/2024	14:16
3	CAL3	0.025	1	100	100	7.38	1.85	0.000	0.020	0.020	0.024	-4	01/15/2024	14:17
4	CAL4	0.05	1	100	100	7.36	1.86	0.000	0.039	0.039	0.049	-2	01/15/2024	14:18
5	CAL5	0.1	1	100	100	7.37	1.88	0.000	0.080	0.080	0.103	3	01/15/2024	14:19
6	CAL6	0.5	1	100	100	7.41	1.91	0.000	0.383	0.383	0.498	-0.4	01/15/2024	14:20
7	CAL7	1	1	100	100	7.25	1.87	0.000	0.768	0.768	1.000	0	01/15/2024	14:21



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Run Number: LB129153

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	1.91	0.000	0.386	0.386	0.502	01/15/2024	14:22
2	ICB		1	100	100	7.28	1.77	0.000	0.001	0.001	0.000	01/15/2024	14:23
3	CCV1	0.5	1	100	100	7.43	1.94	0.000	0.384	0.384	0.500	01/15/2024	14:24
4	CCB1		1	100	100	7.27	1.74	0.000	0.001	0.001	0.000	01/15/2024	14:25
5	RL Check	0.01	1	100	100	7.41	1.91	0.000	0.010	0.010	0.012	01/15/2024	14:26
6	PB158387BL		1	2.50	100	7.25	1.76	0.000	0.001	0.001	0.000	01/15/2024	14:27
7	PB158387BS	20	1	2.50	100	7.42	1.90	0.000	0.383	0.383	0.498	01/15/2024	14:28
8	P1104-01		1	2.54	100	7.52	2.08	0.020	0.022	0.002	0.001	01/15/2024	14:29
9	P1104-05		1	2.51	100	7.58	2.04	0.004	0.005	0.001	0.000	01/15/2024	14:30
10	P1117-01		1	2.53	100	7.56	2.08	0.012	0.013	0.001	0.000	01/15/2024	14:31
11	P1117-07		1	2.56	100	7.52	2.18	0.006	0.008	0.002	0.001	01/15/2024	14:32
12	P1118-01		1	2.53	100	7.62	2.12	0.010	0.012	0.002	0.001	01/15/2024	14:33
13	P1118-05		1	2.55	100	7.52	2.12	0.019	0.020	0.001	0.000	01/15/2024	14:34
14	P1123-01		1	2.52	100	7.54	2.08	0.005	0.006	0.001	0.000	01/15/2024	14:35
15	P1123-01DU		1	2.51	100	7.56	2.06	0.004	0.006	0.002	0.001	01/15/2024	14:36
16	CCV2	0.5	1	100	100	7.41	1.92	0.000	0.385	0.385	0.501	01/15/2024	14:37
17	CCB2		1	100	100	7.27	1.75	0.000	0.001	0.001	0.000	01/15/2024	14:38
18	P1123-01MS	40	2	2.51	100	7.52	2.08	0.002	0.338	0.336	0.437	01/15/2024	14:39
19	P1123-01MS	1284	40	2.53	100	7.54	2.06	0.000	0.565	0.565	0.736	01/15/2024	14:40
20	P1123-01MS	40	2	2.51	100	7.58	2.08	0.003	0.385	0.382	0.497	01/15/2024	14:41
21	P1123-02		1	2.52	100	7.52	2.10	0.037	0.038	0.001	0.000	01/15/2024	14:42
22	P1123-03		1	2.54	100	7.58	2.16	0.035	0.036	0.001	0.000	01/15/2024	14:43
23	P1123-04		1	2.53	100	7.62	2.10	0.019	0.020	0.001	0.000	01/15/2024	14:44
24	P1123-05		1	2.56	100	7.66	2.08	0.024	0.025	0.001	0.000	01/15/2024	14:45
25	CCV3	0.5	1	100	100	7.44	1.92	0.000	0.385	0.385	0.501	01/15/2024	14:46
26	CCB3		1	100	100	7.25	1.76	0.000	0.001	0.001	0.000	01/15/2024	14:47