

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB131059

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP108277
5N sulfuric acid	WP107791
HNO3 Hex-Chrome, 5M	WP107796
Hexchrome Cleaning Solution	WP106152

Intercept: 0.0013

Slope: 0.7678

Regression: 0.999994

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	1.72	0.000	0.000	0.000	-0.00		06/05/2024	09:00
2	CAL2	0.01	1	100	100	7.36	1.85	0.000	0.009	0.009	0.010	0	06/05/2024	09:01
3	CAL3	0.025	1	100	100	7.39	1.88	0.000	0.020	0.020	0.024	-4	06/05/2024	09:02
4	CAL4	0.05	1	100	100	7.34	1.86	0.000	0.040	0.040	0.050	0	06/05/2024	09:03
5	CAL5	0.1	1	100	100	7.39	1.90	0.000	0.080	0.080	0.102	2	06/05/2024	09:04
6	CAL6	0.5	1	100	100	7.40	1.88	0.000	0.385	0.385	0.499	-0.2	06/05/2024	09:05
7	CAL7	1	1	100	100	7.35	1.84	0.000	0.769	0.769	0.999	-0.1	06/05/2024	09:06



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Run Number: LB131059

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	7.43	1.93	0.000	0.383	0.383	0.497	06/05/2024	09:07
2	ICB		1	100	100	7.28	1.77	0.000	0.001	0.001	0.000	06/05/2024	09:08
3	CCV1	0.5	1	100	100	7.45	1.96	0.000	0.386	0.386	0.501	06/05/2024	09:09
4	CCB1		1	100	100	7.24	1.72	0.000	0.000	0.000	-0.002	06/05/2024	09:10
5	RL Check	0.01	1	100	100	7.42	1.92	0.000	0.010	0.010	0.011	06/05/2024	09:11
6	PB161294BL		1	2.50	100	7.26	1.79	0.000	0.001	0.001	0.000	06/05/2024	09:12
7	PB161294BS	20	1	2.50	100	7.44	1.93	0.000	0.386	0.386	0.501	06/05/2024	09:13
8	P2654-04		1	2.52	100	7.58	2.10	0.006	0.007	0.001	0.000	06/05/2024	09:14
9	P2668-01		1	2.52	100	7.62	2.10	0.005	0.006	0.001	0.000	06/05/2024	09:15
10	P2668-05		1	2.54	100	7.62	2.06	0.006	0.008	0.002	0.001	06/05/2024	09:16
11	P2683-02		1	2.53	100	7.52	2.10	0.038	0.038	0.000	-0.002	06/05/2024	09:17
12	P2683-05		1	2.55	100	7.60	2.20	0.031	0.032	0.001	0.000	06/05/2024	09:18
13	P2686-01		1	2.53	100	7.56	2.08	0.037	0.038	0.001	0.000	06/05/2024	09:19
14	P2686-05		1	2.52	100	7.52	2.16	0.029	0.030	0.001	0.000	06/05/2024	09:20
15	P2687-01		1	2.55	100	7.62	2.08	0.013	0.015	0.002	0.001	06/05/2024	09:21
16	CCV2	0.5	1	100	100	7.46	1.92	0.000	0.384	0.384	0.498	06/05/2024	09:22
17	CCB2		1	100	100	7.28	1.74	0.000	0.002	0.002	0.001	06/05/2024	09:23
18	P2687-04		1	2.51	100	7.52	2.08	0.028	0.030	0.002	0.001	06/05/2024	09:24
19	P2687-07		1	2.54	100	7.58	2.10	0.020	0.021	0.001	0.000	06/05/2024	09:25
20	P2704-01		1	2.56	100	7.62	2.22	0.008	0.008	0.000	-0.002	06/05/2024	09:26
21	P2704-05		1	2.52	100	7.52	2.08	0.008	0.010	0.002	0.001	06/05/2024	09:27
22	P2704-09		1	2.53	100	7.52	2.16	0.008	0.009	0.001	0.000	06/05/2024	09:28
23	P2704-09DU		1	2.53	100	7.58	2.10	0.008	0.008	0.000	-0.002	06/05/2024	09:29
24	P2704-09MS	40	2	2.54	100	7.52	2.10	0.003	0.210	0.207	0.268	06/05/2024	09:30
25	P2704-09MS	1284	40	2.53	100	7.54	2.06	0.000	0.520	0.520	0.676	06/05/2024	09:31
26	P2704-09MS	40	2	2.54	100	7.60	2.14	0.004	0.293	0.289	0.375	06/05/2024	09:32
27	P2712-01		1	2.51	100	7.52	2.08	0.020	0.021	0.001	0.000	06/05/2024	09:33
28	CCV3	0.5	1	100	100	7.44	1.94	0.000	0.384	0.384	0.498	06/05/2024	09:34
29	CCB3		1	100	100	7.25	1.77	0.000	0.001	0.001	0.000	06/05/2024	09:35
30	P2715-01		1	2.52	100	7.52	2.08	0.027	0.031	0.004	0.004	06/05/2024	09:36
31	P2715-05		1	2.56	100	7.62	2.06	0.024	0.027	0.003	0.002	06/05/2024	09:37
32	CCV4	0.5	1	100	100	7.46	1.96	0.000	0.386	0.386	0.501	06/05/2024	09:38
33	CCB4		1	100	100	7.29	1.78	0.000	0.001	0.001	0.000	06/05/2024	09:39