

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB132058

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP109272
5N sulfuric acid	WP107791
HNO3 Hex-Chrome, 5M	WP107796
Hexchrome Cleaning Solution	WP108645

Intercept: 0.0012

Slope: 0.7634

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	1.75	1.80	0.000	0.000	0.000	-0.00		08/16/2024	17:50
2	CAL2	0.01	1	100	100	7.36	1.77	0.000	0.009	0.009	0.010	0	08/16/2024	17:51
3	CAL3	0.025	1	100	100	7.39	1.88	0.000	0.021	0.021	0.025	0	08/16/2024	17:52
4	CAL4	0.05	1	100	100	7.36	1.84	0.000	0.040	0.040	0.050	0	08/16/2024	17:53
5	CAL5	0.1	1	100	100	7.40	1.85	0.000	0.078	0.078	0.100	0	08/16/2024	17:54
6	CAL6	0.5	1	100	100	7.42	1.90	0.000	0.382	0.382	0.498	-0.4	08/16/2024	17:55
7	CAL7	1	1	100	100	7.37	1.88	0.000	0.765	0.765	1.000	0	08/16/2024	17:56



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Run Number: LB132058

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	0.380	0.380	0.496	08/16/2024	17:57
2	ICB		1	100	100	7.27	1.74	0.000	0.001	0.001	0.000	08/16/2024	17:58
3	CCV1	0.5	1	100	100	7.42	1.92	0.000	0.385	0.385	0.503	08/16/2024	17:59
4	CCB1		1	100	100	7.24	1.79	0.000	0.000	0.000	-0.002	08/16/2024	18:00
5	RL Check	0.01	1	100	100	7.40	1.92	0.000	0.010	0.010	0.012	08/16/2024	18:01
6	PB162699BL		1	2.50	100	7.25	1.74	0.000	0.001	0.001	0.000	08/16/2024	18:02
7	PB162699BS	20	1	2.50	100	7.43	1.93	0.000	0.386	0.386	0.504	08/16/2024	18:03
8	P3580-01		1	2.53	100	7.60	2.06	0.038	0.038	0.000	-0.002	08/16/2024	18:04
9	P3580-02		1	2.54	100	7.52	2.04	0.037	0.037	0.000	-0.002	08/16/2024	18:05
10	P3580-03		1	2.52	100	7.66	2.10	0.037	0.038	0.001	0.000	08/16/2024	18:06
11	P3580-04		1	2.53	100	7.52	2.18	0.037	0.038	0.001	0.000	08/16/2024	18:07
12	P3580-05		1	2.52	100	7.60	2.22	0.037	0.037	0.000	-0.002	08/16/2024	18:08
13	P3580-06		1	2.53	100	7.56	2.18	0.010	0.011	0.001	0.000	08/16/2024	18:09
14	P3580-07		1	2.51	100	7.62	2.28	0.008	0.009	0.001	0.000	08/16/2024	18:10
15	P3580-08		1	2.52	100	7.60	2.10	0.000	0.007	0.007	0.008	08/16/2024	18:11
16	CCV2	0.5	1	100	100	7.44	1.94	0.000	0.391	0.391	0.511	08/16/2024	18:12
17	CCB2		1	100	100	7.29	2.06	0.000	0.000	0.000	-0.002	08/16/2024	18:13
18	P3597-01		1	2.51	100	7.52	2.06	0.000	0.001	0.001	0.000	08/16/2024	18:14
19	P3597-01DU		1	2.52	100	7.56	2.10	0.000	0.001	0.001	0.000	08/16/2024	18:15
20	P3597-01MS	40	2	2.51	100	7.52	2.06	0.000	0.299	0.299	0.390	08/16/2024	18:16
21	P3597-01MS	1284	40	2.52	100	7.54	2.12	0.000	0.620	0.620	0.811	08/16/2024	18:17
22	P3597-01MS	40	2	2.52	100	7.54	2.06	0.000	0.383	0.383	0.500	08/16/2024	18:18
23	P3614-01		1	2.54	100	7.60	2.04	0.010	0.011	0.001	0.000	08/16/2024	18:19
24	P3634-01		1	2.54	100	7.52	2.14	0.006	0.007	0.001	0.000	08/16/2024	18:20
25	P3640-01		1	2.56	100	7.67	2.18	0.006	0.023	0.017	0.021	08/16/2024	18:21
26	CCV3	0.5	1	100	100	7.43	1.92	0.000	0.383	0.383	0.500	08/16/2024	18:22
27	CCB3		1	100	100	7.28	1.78	0.000	0.001	0.001	0.000	08/16/2024	18:23