

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB131004

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: 0.0015

Slope: 0.7651

Regression: 0.999992

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	7.29	1.72	0.000	0.000	0.000	-0.00		05/31/2024	09:00
2	CAL2	0.01	1	100	100	7.36	1.85	0.000	0.009	0.009	0.009	-10	05/31/2024	09:01
3	CAL3	0.025	1	100	100	7.39	1.89	0.000	0.020	0.020	0.024	-4	05/31/2024	09:02
4	CAL4	0.05	1	100	100	7.34	1.86	0.000	0.040	0.040	0.050	0	05/31/2024	09:03
5	CAL5	0.1	1	100	100	7.36	1.88	0.000	0.080	0.080	0.102	2	05/31/2024	09:04
6	CAL6	0.5	1	100	100	7.42	1.89	0.000	0.385	0.385	0.501	0.2	05/31/2024	09:05
7	CAL7	1	1	100	100	7.35	1.84	0.000	0.766	0.766	0.999	-0.1	05/31/2024	09:06



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB131004

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	0.499	05/31/2024	09:07
2	ICB		1	100	100	7.26	1.77	0.000	0.000	0.000	-0.002	05/31/2024	09:08
3	CCV1	0.5	1	100	100	7.42	1.96	0.000	0.386	0.386	0.503	05/31/2024	09:09
4	CCB1		1	100	100	7.28	1.74	0.000	0.001	0.001	-0.001	05/31/2024	09:10
5	RL Check	0.01	1	100	100	7.42	1.92	0.000	0.009	0.009	0.010	05/31/2024	09:11
6	PB161160BL		1	2.50	100	7.25	1.78	0.000	0.001	0.001	-0.001	05/31/2024	09:12
7	PB161160BS	20	1	2.50	100	7.42	1.91	0.000	0.385	0.385	0.501	05/31/2024	09:13
8	P2612-01		1	2.52	100	7.58	2.06	0.010	0.010	0.000	-0.002	05/31/2024	09:14
9	P2612-04		1	2.51	100	7.62	2.12	0.006	0.007	0.001	-0.001	05/31/2024	09:15
10	P2612-07		1	2.54	100	7.52	2.16	0.005	0.007	0.002	0.001	05/31/2024	09:16
11	P2612-10		1	2.54	100	7.58	2.10	0.006	0.006	0.000	-0.002	05/31/2024	09:17
12	P2637-01		1	2.51	100	7.58	2.08	0.008	0.008	0.000	-0.002	05/31/2024	09:18
13	P2637-01DU		1	2.52	100	7.52	2.10	0.007	0.008	0.001	-0.001	05/31/2024	09:19
14	P2637-01MS	40	2	2.52	100	7.58	2.14	0.002	0.321	0.319	0.415	05/31/2024	09:20
15	P2637-01MS	1284	40	2.51	100	7.60	2.08	0.000	0.571	0.571	0.744	05/31/2024	09:21
16	CCV2	0.5	1	100	100	7.42	1.96	0.000	0.383	0.383	0.499	05/31/2024	09:22
17	CCB2		1	100	100	7.30	1.79	0.000	0.002	0.002	0.001	05/31/2024	09:23
18	P2637-01MS	40	2	2.51	100	7.54	2.08	0.003	0.373	0.370	0.482	05/31/2024	09:24
19	P2646-01		1	2.55	100	7.62	2.18	0.010	0.012	0.002	0.001	05/31/2024	09:25
20	P2662-01		1	2.53	100	7.68	2.08	0.006	0.008	0.002	0.001	05/31/2024	09:26
21	CCV3	0.5	1	100	100	7.46	1.93	0.000	0.384	0.384	0.500	05/31/2024	09:27
22	CCB3		1	100	100	7.25	1.76	0.000	0.001	0.001	-0.001	05/31/2024	09:28