

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB130769

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP107966
5N sulfuric acid	WP107791
HNO3 Hex-Chrome, 5M	WP107796
HEX LOD STD, 0.005PPM	WP107965
Hexchrome Cleaning Solution	WP106152

Intercept: 0.0019

Slope: 0.7631

Regression: 0.999993

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	1.76	0.000	0.000	0.000	-0.00		05/15/2024	12:00
2	CAL2	0.01	1	100	100	7.36	1.88	0.000	0.010	0.010	0.010	0	05/15/2024	12:01
3	CAL3	0.025	1	100	100	7.38	1.85	0.000	0.021	0.021	0.025	0	05/15/2024	12:02
4	CAL4	0.05	1	100	100	7.35	1.88	0.000	0.040	0.040	0.049	-2	05/15/2024	12:03
5	CAL5	0.1	1	100	100	7.37	1.88	0.000	0.080	0.080	0.102	2	05/15/2024	12:04
6	CAL6	0.5	1	100	100	7.38	1.85	0.000	0.383	0.383	0.499	-0.2	05/15/2024	12:05
7	CAL7	1	1	100	100	7.36	1.87	0.000	0.765	0.765	1	0	05/15/2024	12:06



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Run Number: LB130769

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	1.92	0.000	0.385	0.385	0.502	05/15/2024	12:07
2	ICB		1	100	100	7.25	1.77	0.000	0.001	0.001	-0.001	05/15/2024	12:08
3	CCV1	0.5	1	100	100	7.42	1.93	0.000	0.384	0.384	0.501	05/15/2024	12:09
4	CCB1		1	100	100	7.24	1.79	0.000	0.000	0.000	-0.002	05/15/2024	12:10
5	RL Check	0.01	1	100	100	7.41	1.90	0.000	0.010	0.010	0.011	05/15/2024	12:11
6	PB160829BL		1	2.50	100	7.27	1.24	0.000	0.001	0.001	-0.001	05/15/2024	12:12
7	PB160829BS	20	1	2.50	100	7.42	1.92	0.000	0.386	0.386	0.503	05/15/2024	12:14
8	P2403-03		1	2.50	100	7.50	2.00	0.000	0.005	0.005	0.004	05/15/2024	12:15
9	P2422-01		1	2.52	100	7.62	2.08	0.004	0.005	0.001	-0.001	05/15/2024	12:16
10	P2422-05		1	2.53	100	7.58	2.14	0.003	0.004	0.001	-0.001	05/15/2024	12:17
11	P2423-01		1	2.52	100	7.54	2.08	0.002	0.003	0.001	-0.001	05/15/2024	12:18
12	P2423-05		1	2.51	100	7.62	2.04	0.001	0.002	0.001	-0.001	05/15/2024	12:19
13	P2444-01		1	2.52	100	7.60	2.18	0.004	0.006	0.002	0.000	05/15/2024	12:20
14	P2468-01		1	2.53	100	7.56	2.08	0.004	0.006	0.002	0.000	05/15/2024	12:21
15	P2469-01		1	2.52	100	7.60	2.10	0.002	0.002	0.000	-0.002	05/15/2024	12:22
16	CCV2	0.5	1	100	100	7.44	1.92	0.000	0.383	0.383	0.499	05/15/2024	12:23
17	CCB2		1	100	100	7.28	1.77	0.000	0.000	0.000	-0.002	05/15/2024	12:24
18	P2469-01DU		1	2.51	100	7.56	2.16	0.001	0.002	0.001	-0.001	05/15/2024	12:25
19	P2469-01MS	40	2	2.52	100	7.52	2.10	0.000	0.329	0.329	0.429	05/15/2024	12:26
20	P2469-01MS	1284	40	2.52	100	7.58	2.08	0.000	0.589	0.589	0.769	05/15/2024	12:27
21	P2469-01MS	40	2	2.53	100	7.62	2.14	0.000	0.380	0.380	0.495	05/15/2024	12:28
22	P2470-01		1	2.55	100	7.52	2.08	0.003	0.004	0.001	-0.001	05/15/2024	12:29
23	P2474-01		1	2.52	100	7.58	2.10	0.004	0.004	0.000	-0.002	05/15/2024	12:30
24	P2474-02		1	2.56	100	7.62	2.06	0.003	0.004	0.001	-0.001	05/15/2024	12:31
25	P2476-01		1	2.53	100	7.56	2.18	0.003	0.003	0.000	-0.002	05/15/2024	12:32
26	P2480-01		1	2.51	100	7.52	2.08	0.004	0.004	0.000	-0.002	05/15/2024	12:33
27	CCV3	0.5	1	100	100	7.40	1.94	0.000	0.386	0.386	0.503	05/15/2024	12:34
28	CCB3		1	100	100	7.26	1.75	0.000	0.001	0.001	-0.001	05/15/2024	12:35