

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB131274

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP108474
5N sulfuric acid	WP107791
HNO3 Hex-Chrome, 5M	WP107796
Hexchrome Cleaning Solution	WP106152

Intercept: 0.0012

Slope: 0.7667

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	7.34	1.88	0.000	0.000	0.000	-0.00		06/17/2024	16:40
2	CAL2	0.01	1	100	100	7.39	1.90	0.000	0.009	0.009	0.010	0	06/17/2024	16:41
3	CAL3	0.025	1	100	100	7.40	1.96	0.000	0.021	0.021	0.025	0	06/17/2024	16:42
4	CAL4	0.05	1	100	100	7.38	1.92	0.000	0.039	0.039	0.049	-2	06/17/2024	16:43
5	CAL5	0.1	1	100	100	7.42	1.98	0.000	0.079	0.079	0.101	1	06/17/2024	16:44
6	CAL6	0.5	1	100	100	7.39	1.92	0.000	0.384	0.384	0.499	-0.2	06/17/2024	16:45
7	CAL7	1	1	100	100	7.42	1.96	0.000	0.768	0.768	1.000	0	06/17/2024	16:46



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Run Number: LB131274

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	7.48	1.92	0.000	0.386	0.386	0.502	06/17/2024	16:47
2	ICB		1	100	100	7.29	1.80	0.000	0.000	0.000	-0.002	06/17/2024	16:48
3	CCV1	0.5	1	100	100	7.46	1.94	0.000	0.383	0.383	0.498	06/17/2024	16:49
4	CCB1		1	100	100	7.30	1.82	0.000	0.001	0.001	0.000	06/17/2024	16:50
5	RL Check	0.01	1	100	100	7.40	1.93	0.000	0.009	0.009	0.010	06/17/2024	16:51
6	PB161485BL		1	2.50	100	7.27	1.78	0.000	0.000	0.000	-0.002	06/17/2024	16:52
7	PB161485BS	20	1	2.50	100	7.46	1.96	0.000	0.384	0.384	0.499	06/17/2024	16:53
8	P2878-01		1	2.54	100	7.62	2.08	0.006	0.006	0.000	-0.002	06/17/2024	16:54
9	P2889-01		1	2.53	100	7.59	2.14	0.003	0.003	0.000	-0.002	06/17/2024	16:55
10	P2889-01DU		1	2.51	100	7.62	2.12	0.003	0.003	0.000	-0.002	06/17/2024	16:56
11	P2889-01MS	40	2	2.53	100	7.60	2.18	0.000	0.350	0.350	0.455	06/17/2024	16:57
12	P2889-01MS	1284	40	2.52	100	7.62	2.10	0.000	0.619	0.619	0.806	06/17/2024	16:58
13	P2889-01MS	40	2	2.52	100	7.58	2.14	0.000	0.385	0.385	0.501	06/17/2024	16:59
14	P2915-01		1	2.53	100	7.68	2.20	0.001	0.001	0.000	-0.002	06/17/2024	17:00
15	P2915-02		1	2.53	100	7.70	2.10	0.004	0.006	0.002	0.001	06/17/2024	17:01
16	CCV2	0.5	1	100	100	7.49	1.94	0.000	0.383	0.383	0.498	06/17/2024	17:02
17	CCB2		1	100	100	7.32	1.80	0.000	0.000	0.000	-0.002	06/17/2024	17:03
18	P2916-01		1	2.54	100	7.62	2.22	0.010	0.012	0.002	0.001	06/17/2024	17:04
19	P2917-01		1	2.52	100	7.76	2.18	0.006	0.006	0.000	-0.002	06/17/2024	17:05
20	P2918-01		1	2.54	100	7.70	2.10	0.034	0.036	0.002	0.001	06/17/2024	17:06
21	CCV3	0.5	1	100	100	7.40	1.92	0.000	0.385	0.385	0.501	06/17/2024	17:07
22	CCB3		1	100	100	7.26	1.82	0.000	0.001	0.001	0.000	06/17/2024	17:08