

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB133981

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP111113
5N sulfuric acid	WP110380
HNO3 Hex-Chrome, 5M	WP110381
Hexchrome Cleaning Solution	WP108645

Intercept: 0.0012

Slope: 0.7646

Regression: 0.999997

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	7.30	1.79	0.000	0.000	0.000	-0.00		12/17/2024	15:00
2	CAL2	0.01	1	100	100	7.37	1.84	0.000	0.009	0.009	0.010	0	12/17/2024	15:01
3	CAL3	0.025	1	100	100	7.39	1.88	0.000	0.021	0.021	0.025	0	12/17/2024	15:02
4	CAL4	0.05	1	100	100	7.39	1.90	0.000	0.040	0.040	0.050	0	12/17/2024	15:03
5	CAL5	0.1	1	100	100	7.38	1.87	0.000	0.078	0.078	0.100	0	12/17/2024	15:04
6	CAL6	0.5	1	100	100	7.36	1.87	0.000	0.383	0.383	0.499	-0.2	12/17/2024	15:05
7	CAL7	1	1	100	100	7.36	1.85	0.000	0.766	0.766	1.000	0	12/17/2024	15:06

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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	1.92	0.000	0.386	0.386	0.503	12/17/2024	15:07
2	ICB		1	100	100	7.25	1.77	0.000	0.000	0.000	-0.002	12/17/2024	15:08
3	CCV1	0.5	1	100	100	7.45	1.94	0.000	0.383	0.383	0.499	12/17/2024	15:09
4	CCB1		1	100	100	7.28	1.80	0.000	0.001	0.001	0.000	12/17/2024	15:10
5	RL Check	0.01	1	100	100	7.41	1.91	0.000	0.010	0.010	0.012	12/17/2024	15:11
6	PB165660BL		1	2.50	100	7.29	1.75	0.000	0.001	0.001	0.000	12/17/2024	15:12
7	PB165660BS	20	1	2.50	100	7.43	1.95	0.000	0.386	0.386	0.503	12/17/2024	15:13
8	P5245-03		1	2.57	100	7.54	2.10	0.004	0.061	0.057	0.073	12/17/2024	15:14
9	P5277-01		1	2.52	100	7.56	2.14	0.003	0.004	0.001	0.000	12/17/2024	15:15
10	P5277-01DU		1	2.52	100	7.57	2.16	0.003	0.004	0.001	0.000	12/17/2024	15:16
11	P5277-01MS	40	2	2.53	100	7.52	2.12	0.000	0.333	0.333	0.434	12/17/2024	15:17
12	P5277-01MS	1284	40	2.52	100	7.57	2.12	0.000	0.610	0.610	0.796	12/17/2024	15:18
13	P5277-01MS	40	2	2.53	100	7.60	2.20	0.000	0.386	0.386	0.503	12/17/2024	15:19
14	P5277-02		1	2.51	100	7.52	2.10	0.004	0.004	0.000	-0.002	12/17/2024	15:20
15	P5277-03		1	2.52	100	7.58	2.06	0.002	0.003	0.001	0.000	12/17/2024	15:21
16	CCV2	0.5	1	100	100	7.42	1.93	0.000	0.386	0.386	0.503	12/17/2024	15:22
17	CCB2		1	100	100	7.26	1.80	0.000	0.000	0.000	-0.002	12/17/2024	15:23