

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB134085

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP111205
5N sulfuric acid	WP110380
HNO3 Hex-Chrome, 5M	WP110381
Hexchrome Cleaning Solution	WP108645

Intercept: 0.0016

Slope: 0.765

Regression: 0.999995

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	1.80	0.000	0.000	0.000	-0.00		12/26/2024	12:10
2	CAL2	0.01	1	100	100	7.36	1.85	0.000	0.009	0.009	0.009	-10	12/26/2024	12:11
3	CAL3	0.025	1	100	100	7.40	1.89	0.000	0.021	0.021	0.025	0	12/26/2024	12:12
4	CAL4	0.05	1	100	100	7.41	1.88	0.000	0.040	0.040	0.050	0	12/26/2024	12:13
5	CAL5	0.1	1	100	100	7.38	1.90	0.000	0.079	0.079	0.101	1	12/26/2024	12:14
6	CAL6	0.5	1	100	100	7.36	1.84	0.000	0.385	0.385	0.501	0.2	12/26/2024	12:15
7	CAL7	1	1	100	100	7.38	1.85	0.000	0.766	0.766	0.999	-0.1	12/26/2024	12:16

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Run Number: LB134085

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	1.94	0.000	0.383	0.383	0.499	12/26/2024	12:17
2	ICB		1	100	100	7.31	1.79	0.000	0.001	0.001	-0.001	12/26/2024	12:18
3	CCV1	0.5	1	100	100	7.46	1.95	0.000	0.386	0.386	0.502	12/26/2024	12:19
4	CCB1		1	100	100	7.25	1.75	0.000	0.001	0.001	-0.001	12/26/2024	12:20
5	RL Check	0.01	1	100	100	7.39	1.91	0.000	0.010	0.010	0.011	12/26/2024	12:21
6	PB165838BL		1	2.50	100	7.24	1.77	0.000	0.000	0.000	-0.002	12/26/2024	12:22
7	PB165838BS	20	1	2.50	100	7.42	1.92	0.000	0.385	0.385	0.501	12/26/2024	12:23
8	P5382-01		1	2.51	100	7.60	2.18	0.012	0.012	0.000	-0.002	12/26/2024	12:24
9	P5382-02		1	2.54	100	7.66	2.10	0.016	0.017	0.001	-0.001	12/26/2024	12:25
10	P5382-03		1	2.54	100	7.60	2.20	0.010	0.010	0.000	-0.002	12/26/2024	12:26
11	P5383-01		1	2.51	100	7.52	2.10	0.000	0.001	0.001	-0.001	12/26/2024	12:27
12	P5383-01DU		1	2.52	100	7.56	2.14	0.000	0.001	0.001	-0.001	12/26/2024	12:28
13	P5383-01MS	40	2	2.52	100	7.52	2.09	0.000	0.311	0.311	0.404	12/26/2024	12:29
14	P5383-01MS	1284	40	2.51	100	7.55	2.11	0.000	0.603	0.603	0.786	12/26/2024	12:30
15	P5383-01MS	40	2	2.51	100	7.60	2.16	0.000	0.372	0.372	0.484	12/26/2024	12:31
16	CCV2	0.5	1	100	100	7.44	1.96	0.000	0.383	0.383	0.499	12/26/2024	12:32
17	CCB2		1	100	100	7.28	1.80	0.000	0.000	0.000	-0.002	12/26/2024	12:33