

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB133865

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP111033
5N sulfuric acid	WP110380
HNO3 Hex-Chrome, 5M	WP110381
Hexchrome Cleaning Solution	WP108645

Intercept: 0.0012

Slope: 0.7646

Regression: 0.999994

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml)	Final Vol (ml)	pH HN03	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	1.77	0.000	0.000	0.000	-0.00		12/10/2024	13:00
2	CAL2	0.01	1	100	100	7.39	1.88	0.000	0.008	0.008	0.008	-20	12/10/2024	13:01
3	CAL3	0.025	1	100	100	7.41	1.91	0.000	0.021	0.021	0.025	0	12/10/2024	13:02
4	CAL4	0.05	1	100	100	7.37	1.84	0.000	0.040	0.040	0.050	0	12/10/2024	13:03
5	CAL5	0.1	1	100	100	7.40	1.88	0.000	0.078	0.078	0.100	0	12/10/2024	13:04
6	CAL6	0.5	1	100	100	7.41	1.86	0.000	0.385	0.385	0.501	0.2	12/10/2024	13:05
7	CAL7	1	1	100	100	7.36	1.90	0.000	0.765	0.765	0.998	-0.2	12/10/2024	13:06

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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	7.36	1.96	0.000	0.386	0.386	0.503	12/10/2024	13:07
2	ICB		1	100	100	7.28	1.81	0.000	0.001	0.001	0.000	12/10/2024	13:08
3	CCV1	0.5	1	100	100	7.46	1.94	0.000	0.383	0.383	0.499	12/10/2024	13:09
4	CCB1		1	100	100	7.25	1.75	0.000	0.000	0.000	-0.002	12/10/2024	13:10
5	RL Check	0.01	1	100	100	7.43	1.92	0.000	0.010	0.010	0.012	12/10/2024	13:11
6	PB165462BL		1	2.50	100	7.30	1.77	0.000	0.001	0.001	0.000	12/10/2024	13:12
7	PB165462BS	20	1	2.50	100	7.44	1.94	0.000	0.386	0.386	0.503	12/10/2024	13:13
8	P5174-01		1	2.51	100	7.52	2.10	0.010	0.011	0.001	0.000	12/10/2024	13:14
9	P5175-01		1	2.54	100	7.60	2.14	0.004	0.005	0.001	0.000	12/10/2024	13:15
10	P5176-01		1	2.52	100	7.60	2.06	0.006	0.006	0.000	-0.002	12/10/2024	13:16
11	P5176-03		1	2.55	100	7.56	2.20	0.022	0.023	0.001	0.000	12/10/2024	13:17
12	P5196-01		1	2.51	100	7.56	2.16	0.004	0.004	0.000	-0.002	12/10/2024	13:18
13	P5196-01DU		1	2.51	100	7.60	2.18	0.004	0.004	0.000	-0.002	12/10/2024	13:19
14	P5196-01MS	40	2	2.52	100	7.54	2.04	0.000	0.291	0.291	0.379	12/10/2024	13:20
15	P5196-01MS	1284	40	2.52	100	7.54	2.10	0.000	0.592	0.592	0.773	12/10/2024	13:21
16	CCV2	0.5	1	100	100	7.45	1.93	0.000	0.384	0.384	0.501	12/10/2024	13:22
17	CCB2		1	100	100	7.29	1.74	0.000	0.000	0.000	-0.002	12/10/2024	13:23
18	P5196-01MS	40	2	2.51	100	7.60	2.20	0.000	0.384	0.384	0.501	12/10/2024	13:24
19	P5216-01		1	2.54	100	7.52	2.10	0.002	0.002	0.000	-0.002	12/10/2024	13:25
20	P5216-05		1	2.52	100	7.58	2.16	0.003	0.004	0.001	0.000	12/10/2024	13:26
21	P5216-09		1	2.54	100	7.56	2.06	0.005	0.005	0.000	-0.002	12/10/2024	13:27
22	P5216-13		1	2.54	100	7.60	2.10	0.019	0.020	0.001	0.000	12/10/2024	13:28
23	P5223-01		1	2.55	100	7.66	2.10	0.005	0.006	0.001	0.000	12/10/2024	13:29
24	CCV3	0.5	1	100	100	7.42	1.95	0.000	0.386	0.386	0.503	12/10/2024	13:30
25	CCB3		1	100	100	7.27	1.81	0.000	0.001	0.001	0.000	12/10/2024	13:31