

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB135059

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP112271
5N sulfuric acid	WP110380
HNO3 Hex-Chrome, 5M	WP110381
Hexchrome Cleaning Solution	WP111249

Intercept: 0.0008

Slope: 0.7636

Regression: 0.999981

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	7.26	1.85	0.000	0.000	0.000	-0.00		03/17/2025	16:25
2	CAL2	0.01	1	100	100	7.48	1.90	0.000	0.008	0.008	0.009	-10	03/17/2025	16:26
3	CAL3	0.025	1	100	100	7.36	2.02	0.000	0.021	0.021	0.026	4	03/17/2025	16:27
4	CAL4	0.05	1	100	100	7.39	1.97	0.000	0.040	0.040	0.051	2	03/17/2025	16:28
5	CAL5	0.1	1	100	100	7.36	1.90	0.000	0.078	0.078	0.101	1	03/17/2025	16:29
6	CAL6	0.5	1	100	100	7.43	1.90	0.000	0.379	0.379	0.495	-1	03/17/2025	16:30
7	CAL7	1	1	100	100	7.40	1.88	0.000	0.766	0.766	1.002	0.2	03/17/2025	16:31

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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	7.42	1.90	0.000	0.374	0.374	0.489	03/17/2025	16:32
2	ICB		1	100	100	7.34	1.88	0.000	0.001	0.001	0.000	03/17/2025	16:33
3	CCV1	0.5	1	100	100	7.49	2.06	0.000	0.382	0.382	0.499	03/17/2025	16:34
4	CCB1		1	100	100	7.36	1.79	0.000	0.000	0.000	-0.001	03/17/2025	16:35
5	RL Check	0.01	1	100	100	7.40	1.98	0.000	0.009	0.009	0.011	03/17/2025	16:36
6	PB167148BL		1	2.50	100	7.37	1.92	0.000	0.000	0.000	-0.001	03/17/2025	16:37
7	PB167148BS	20	1	2.50	100	7.39	1.90	0.000	0.377	0.377	0.493	03/17/2025	16:38
8	Q1566-01		1	2.55	100	7.55	2.16	0.004	0.005	0.001	0.000	03/17/2025	16:39
9	Q1566-01DU		1	2.55	100	7.51	2.14	0.004	0.004	0.000	-0.001	03/17/2025	16:40
10	Q1566-01MS	40	2	2.54	100	7.59	2.10	0.000	0.319	0.319	0.417	03/17/2025	16:41
11	Q1566-01MS	1284	40	2.54	100	7.52	2.06	0.000	0.609	0.609	0.796	03/17/2025	16:42
12	Q1566-01MS	40	2	2.55	100	7.60	2.20	0.000	0.365	0.365	0.477	03/17/2025	16:43
13	Q1568-01		1	2.57	100	7.67	2.10	0.010	0.010	0.000	-0.001	03/17/2025	16:44
14	Q1581-01		1	2.55	100	7.60	2.27	0.000	0.017	0.017	0.021	03/17/2025	16:45
15	CCV2	0.5	1	100	100	7.45	1.92	0.000	0.380	0.380	0.497	03/17/2025	16:46
16	CCB2		1	100	100	7.30	1.81	0.000	0.001	0.001	0.000	03/17/2025	16:47