

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB135350

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP112638
5N sulfuric acid	WP110380
HNO3 Hex-Chrome, 5M	WP110381
Hexchrome Cleaning Solution	WP111249

Intercept: -0.0001

Slope: 0.7646

Regression: 0.999984

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	7.31	1.73	0.000	0.000	0.000	0.000		04/09/2025	09:00
2	CAL2	0.01	1	100	100	7.38	1.79	0.000	0.007	0.007	0.009	-10	04/09/2025	09:01
3	CAL3	0.025	1	100	100	7.42	1.90	0.000	0.019	0.019	0.024	-4	04/09/2025	09:02
4	CAL4	0.05	1	100	100	7.49	1.88	0.000	0.039	0.039	0.051	2	04/09/2025	09:03
5	CAL5	0.1	1	100	100	7.44	1.92	0.000	0.078	0.078	0.102	2	04/09/2025	09:04
6	CAL6	0.5	1	100	100	7.40	1.89	0.000	0.379	0.379	0.495	-1	04/09/2025	09:05
7	CAL7	1	1	100	100	7.36	1.97	0.000	0.766	0.766	1.001	0.1	04/09/2025	09:06

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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	7.47	2.06	0.000	0.381	0.381	0.498	04/09/2025	09:07
2	ICB		1	100	100	7.35	1.90	0.000	0.001	0.001	0.001	04/09/2025	09:08
3	CCV1	0.5	1	100	100	7.51	1.94	0.000	0.378	0.378	0.495	04/09/2025	09:09
4	CCB1		1	100	100	7.24	1.91	0.000	0.001	0.001	0.001	04/09/2025	09:10
5	RL Check	0.01	1	100	100	7.49	1.87	0.000	0.008	0.008	0.011	04/09/2025	09:11
6	PB167496BL		1	2.50	100	7.40	1.84	0.000	0.000	0.000	0.000	04/09/2025	09:12
7	PB167496BS	20	1	2.50	100	7.47	2.02	0.000	0.384	0.384	0.502	04/09/2025	09:13
8	Q1742-01		1	2.52	100	7.46	2.10	0.003	0.004	0.001	0.001	04/09/2025	09:14
9	Q1747-01		1	2.54	100	7.59	2.14	0.001	0.001	0.000	0.000	04/09/2025	09:15
10	Q1747-01DU		1	2.54	100	7.64	2.10	0.001	0.001	0.000	0.000	04/09/2025	09:16
11	Q1747-01MS	40	2	2.53	100	7.57	2.06	0.000	0.349	0.349	0.457	04/09/2025	09:17
12	Q1747-01MS	1284	40	2.54	100	7.54	2.15	0.000	0.606	0.606	0.793	04/09/2025	09:18
13	Q1747-01MS	40	2	2.53	100	7.67	2.19	0.000	0.368	0.368	0.481	04/09/2025	09:19
14	Q1748-01		1	2.54	100	7.52	2.10	0.019	0.020	0.001	0.001	04/09/2025	09:20
15	Q1748-05		1	2.57	100	7.69	2.25	0.020	0.020	0.000	0.000	04/09/2025	09:21
16	CCV2	0.5	1	100	100	7.52	1.90	0.000	0.377	0.377	0.493	04/09/2025	09:22
17	CCB2		1	100	100	7.36	1.76	0.000	0.000	0.000	0.000	04/09/2025	09:23
18	Q1749-01		1	2.53	100	7.36	2.10	0.002	0.003	0.001	0.001	04/09/2025	09:24
19	CCV3	0.5	1	100	100	7.40	1.88	0.000	0.386	0.386	0.505	04/09/2025	09:25
20	CCB3		1	100	100	7.46	1.79	0.000	0.001	0.001	0.001	04/09/2025	09:26