

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB135331

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP112566
5N sulfuric acid	WP110380
HNO3 Hex-Chrome, 5M	WP110381
Hexchrome Cleaning Solution	WP111249

Intercept: 0.0009

Slope: 0.7644

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	7.30	1.79	0.000	0.000	0.000	-0.00		04/07/2025	14:55
2	CAL2	0.01	1	100	100	7.36	1.90	0.000	0.007	0.007	0.007	-30	04/07/2025	14:56
3	CAL3	0.025	1	100	100	7.44	1.84	0.000	0.021	0.021	0.026	4	04/07/2025	14:57
4	CAL4	0.05	1	100	100	7.39	2.01	0.000	0.039	0.039	0.049	-2	04/07/2025	14:58
5	CAL5	0.1	1	100	100	7.36	1.89	0.000	0.080	0.080	0.103	3	04/07/2025	14:59
6	CAL6	0.5	1	100	100	7.38	1.95	0.000	0.381	0.381	0.497	-0.6	04/07/2025	15:00
7	CAL7	1	1	100	100	7.41	1.98	0.000	0.766	0.766	1.000	0	04/07/2025	15:01

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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	7.40	1.83	0.000	0.379	0.379	0.495	04/07/2025	15:02
2	ICB		1	100	100	7.25	1.76	0.000	0.001	0.001	0.000	04/07/2025	15:03
3	CCV1	0.5	1	100	100	7.38	1.90	0.000	0.371	0.371	0.484	04/07/2025	15:04
4	CCB1		1	100	100	7.29	1.98	0.000	0.000	0.000	-0.001	04/07/2025	15:05
5	RL Check	0.01	1	100	100	7.40	2.01	0.000	0.009	0.009	0.011	04/07/2025	15:06
6	PB167461BL		1	2.50	100	7.36	1.82	0.000	0.000	0.000	-0.001	04/07/2025	15:07
7	PB167461BS	20	1	2.50	100	7.43	1.94	0.000	0.382	0.382	0.499	04/07/2025	15:08
8	Q1656-04		1	2.56	100	7.36	2.06	0.036	0.037	0.001	0.000	04/07/2025	15:09
9	Q1712-01		1	2.51	100	7.31	2.24	0.004	0.004	0.000	-0.001	04/07/2025	15:10
10	Q1712-01DU		1	2.51	100	7.36	2.29	0.004	0.004	0.000	-0.001	04/07/2025	15:11
11	Q1712-01MS	40	2	2.52	100	7.42	2.30	0.000	0.317	0.317	0.414	04/07/2025	15:12
12	Q1712-01MS	1284	40	2.52	100	7.39	2.27	0.000	0.593	0.593	0.775	04/07/2025	15:13
13	Q1712-01MS	40	2	2.51	100	7.34	2.25	0.000	0.371	0.371	0.484	04/07/2025	15:14
14	Q1712-05		1	2.55	100	7.60	2.10	0.004	0.004	0.000	-0.001	04/07/2025	15:15
15	Q1732-01		1	2.57	100	7.52	2.06	0.001	0.002	0.001	0.000	04/07/2025	15:16
16	CCV2	0.5	1	100	100	7.52	2.33	0.000	0.375	0.375	0.489	04/07/2025	15:17
17	CCB2		1	100	100	7.36	1.72	0.000	0.001	0.001	0.000	04/07/2025	15:18
18	Q1737-01		1	2.52	100	7.60	2.06	0.002	0.002	0.000	-0.001	04/07/2025	15:19
19	Q1740-01		1	2.55	100	7.69	2.10	0.002	0.002	0.000	-0.001	04/07/2025	15:20
20	Q1743-01		1	2.57	100	7.64	2.19	0.001	0.002	0.001	0.000	04/07/2025	15:21
21	Q1744-01		1	2.56	100	7.60	2.40	0.010	0.011	0.001	0.000	04/07/2025	15:22
22	Q1744-03		1	2.53	100	7.55	2.29	0.036	0.037	0.001	0.000	04/07/2025	15:23
23	Q1745-01		1	2.51	100	7.51	2.20	0.020	0.020	0.000	-0.001	04/07/2025	15:24
24	Q1745-09		1	2.52	100	7.58	2.29	0.004	0.005	0.001	0.000	04/07/2025	15:25
25	Q1746-01		1	2.58	100	7.42	2.10	0.012	0.013	0.001	0.000	04/07/2025	15:26
26	Q1746-03		1	2.54	100	7.36	2.06	0.007	0.008	0.001	0.000	04/07/2025	15:27
27	CCV3	0.5	1	100	100	7.40	1.88	0.000	0.372	0.372	0.485	04/07/2025	15:28
28	CCB3		1	100	100	7.27	1.92	0.000	0.001	0.001	0.000	04/07/2025	15:29