

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB132701

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP109994
5N sulfuric acid	WP107791
HNO3 Hex-Chrome, 5M	WP107796
Hexchrome Cleaning Solution	WP108645

Intercept: 0.0012

Slope: 0.767

Regression: 0.999996

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	1.75	0.000	0.000	0.000	-0.00		10/02/2024	10:50
2	CAL2	0.01	1	100	100	7.39	1.90	0.000	0.008	0.008	0.008	-20	10/02/2024	10:51
3	CAL3	0.025	1	100	100	7.40	1.85	0.000	0.021	0.021	0.025	0	10/02/2024	10:52
4	CAL4	0.05	1	100	100	7.36	1.88	0.000	0.040	0.040	0.050	0	10/02/2024	10:53
5	CAL5	0.1	1	100	100	7.37	1.84	0.000	0.079	0.079	0.101	1	10/02/2024	10:54
6	CAL6	0.5	1	100	100	7.39	1.85	0.000	0.385	0.385	0.500	0	10/02/2024	10:55
7	CAL7	1	1	100	100	7.41	1.87	0.000	0.768	0.768	0.999	-0.1	10/02/2024	10:56



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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	7.44	1.92	0.000	0.384	0.384	0.499	10/02/2024	10:57
2	ICB		1	100	100	7.27	1.79	0.000	0.000	0.000	-0.002	10/02/2024	10:58
3	CCV1	0.5	1	100	100	7.43	1.96	0.000	0.386	0.386	0.502	10/02/2024	10:59
4	CCB1		1	100	100	7.29	1.76	0.000	0.001	0.001	0.000	10/02/2024	11:00
5	RL Check	0.01	1	100	100	7.42	1.93	0.000	0.010	0.010	0.011	10/02/2024	11:01
6	PB163745BL		1	2.50	100	7.25	1.74	0.000	0.001	0.001	0.000	10/02/2024	11:02
7	PB163745BS	20	1	2.50	100	7.43	1.95	0.000	0.383	0.383	0.498	10/02/2024	11:03
8	P4214-01		1	2.53	100	7.60	2.10	0.001	0.254	0.253	0.328	10/02/2024	11:04
9	P4222-01		1	2.51	100	7.52	2.14	0.003	0.003	0.000	-0.002	10/02/2024	11:05
10	P4222-01DU		1	2.52	100	7.60	2.16	0.003	0.003	0.000	-0.002	10/02/2024	11:06
11	P4222-01MS	40	2	2.51	100	7.54	2.10	0.000	0.299	0.299	0.388	10/02/2024	11:07
12	P4222-01MS	1284	40	2.52	100	7.52	2.10	0.000	0.618	0.618	0.804	10/02/2024	11:08
13	P4222-01MS	40	2	2.51	100	7.58	2.14	0.000	0.377	0.377	0.490	10/02/2024	11:09
14	P4225-01		1	2.54	100	7.60	2.06	0.003	0.004	0.001	0.000	10/02/2024	11:10
15	P4232-01		1	2.52	100	7.58	2.18	0.008	0.009	0.001	0.000	10/02/2024	11:11
16	CCV2	0.5	1	100	100	7.46	1.94	0.000	0.385	0.385	0.500	10/02/2024	11:12
17	CCB2		1	100	100	7.28	1.78	0.000	0.000	0.000	-0.002	10/02/2024	11:13
18	P4234-01		1	2.54	100	7.60	2.06	0.018	0.019	0.001	0.000	10/02/2024	11:14
19	P4236-01		1	2.54	100	7.52	2.10	0.001	0.002	0.001	0.000	10/02/2024	11:15
20	P4236-05		1	2.51	100	7.68	2.20	0.001	0.001	0.000	-0.002	10/02/2024	11:16
21	P4236-09		1	2.52	100	7.54	2.12	0.006	0.007	0.001	0.000	10/02/2024	11:17
22	P4236-13		1	2.55	100	7.56	2.08	0.005	0.006	0.001	0.000	10/02/2024	11:18
23	P4242-01		1	2.54	100	7.60	2.06	0.006	0.008	0.002	0.001	10/02/2024	11:19
24	P4254-01		1	2.56	100	7.52	2.10	0.003	0.003	0.000	-0.002	10/02/2024	11:20
25	CCV3	0.5	1	100	100	7.43	1.91	0.000	0.384	0.384	0.499	10/02/2024	11:21
26	CCB3		1	100	100	7.30	1.76	0.000	0.001	0.001	0.000	10/02/2024	11:22