

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB133044

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP110246
5N sulfuric acid	WP107791
HNO3 Hex-Chrome, 5M	WP107796
Hexchrome Cleaning Solution	WP108645

Intercept: 0.0014

Slope: 0.7652

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	7.28	1.79	0.000	0.000	0.000	-0.00		10/22/2024	12:40
2	CAL2	0.01	1	100	100	7.40	1.91	0.000	0.009	0.009	0.009	-10	10/22/2024	12:41
3	CAL3	0.025	1	100	100	7.37	1.86	0.000	0.021	0.021	0.025	0	10/22/2024	12:42
4	CAL4	0.05	1	100	100	7.38	1.88	0.000	0.040	0.040	0.050	0	10/22/2024	12:43
5	CAL5	0.1	1	100	100	7.36	1.84	0.000	0.078	0.078	0.100	0	10/22/2024	12:44
6	CAL6	0.5	1	100	100	7.39	1.88	0.000	0.385	0.385	0.501	0.2	10/22/2024	12:45
7	CAL7	1	1	100	100	7.36	1.90	0.000	0.766	0.766	0.999	-0.1	10/22/2024	12:46



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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	7.41	1.94	0.000	0.386	0.386	0.503	10/22/2024	12:47
2	ICB		1	100	100	7.38	1.79	0.000	0.001	0.001	-0.001	10/22/2024	12:48
3	CCV1	0.5	1	100	100	7.44	1.96	0.000	0.383	0.383	0.499	10/22/2024	12:49
4	CCB1		1	100	100	7.25	1.81	0.000	0.000	0.000	-0.002	10/22/2024	12:50
5	RL Check	0.01	1	100	100	7.42	1.93	0.000	0.010	0.010	0.011	10/22/2024	12:51
6	PB164266BL		1	2.50	100	7.31	1.74	0.000	0.001	0.001	-0.001	10/22/2024	12:52
7	PB164266BS	20	1	2.50	100	7.43	1.93	0.000	0.385	0.385	0.501	10/22/2024	12:53
8	P4443-01		1	2.54	100	7.60	2.10	0.010	0.012	0.002	0.001	10/22/2024	12:54
9	P4443-06		1	2.51	100	7.64	2.18	0.032	0.032	0.000	-0.002	10/22/2024	12:55
10	P4458-01		1	2.52	100	7.60	2.20	0.008	0.009	0.001	-0.001	10/22/2024	12:56
11	P4460-02		1	2.53	100	7.68	2.28	0.010	0.012	0.002	0.001	10/22/2024	12:57
12	P4460-03		1	2.52	100	7.56	2.10	0.003	0.004	0.001	-0.001	10/22/2024	12:58
13	P4460-03DU		1	2.51	100	7.52	2.16	0.004	0.004	0.000	-0.002	10/22/2024	12:59
14	P4460-03MS	40	2	2.51	100	7.60	2.12	0.000	0.298	0.298	0.388	10/22/2024	13:00
15	P4460-03MS	1284	40	2.52	100	7.58	2.10	0.000	0.563	0.563	0.734	10/22/2024	13:01
16	CCV2	0.5	1	100	100	7.45	1.94	0.000	0.384	0.384	0.500	10/22/2024	13:02
17	CCB2		1	100	100	7.26	1.79	0.000	0.0000	0.000	-0.002	10/22/2024	13:03
18	P4460-03MS	40	2	2.52	100	7.60	2.10	0.000	0.362	0.362	0.471	10/22/2024	13:04
19	P4467-01		1	2.52	100	7.66	2.06	0.006	0.006	0.000	-0.002	10/22/2024	13:05
20	P4468-03		1	2.54	100	7.52	2.06	0.005	0.006	0.001	-0.001	10/22/2024	13:06
21	P4468-05		1	2.52	100	7.56	2.18	0.004	0.006	0.002	0.001	10/22/2024	13:07
22	P4471-01		1	2.54	100	7.57	2.12	0.006	0.008	0.002	0.001	10/22/2024	13:08
23	P4471-02		1	2.55	100	7.60	2.20	0.006	0.008	0.002	0.001	10/22/2024	13:09
24	P4472-01		1	2.56	100	7.58	2.06	0.004	0.006	0.002	0.001	10/22/2024	13:10
25	P4472-05		1	2.51	100	7.52	2.14	0.006	0.006	0.000	-0.002	10/22/2024	13:11
26	CCV3	0.5	1	100	100	7.46	1.96	0.000	0.386	0.386	0.503	10/22/2024	13:12
27	CCB3		1	100	100	7.29	1.80	0.000	0.0001	0.000	-0.002	10/22/2024	13:13