

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB131965

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP109114
5N sulfuric acid	WP107791
HNO3 Hex-Chrome, 5M	WP107796
Hexchrome Cleaning Solution	WP108645

Intercept: 0.0012

Slope: 0.7655

Regression: 0.999994

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml)	Final Vol (ml)	pH HNO3	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	1.77	0.000	0.000	0.000	-0.00		08/13/2024	08:45
2	CAL2	0.01	1	100	100	7.39	1.74	0.000	0.008	0.008	0.008	-20	08/13/2024	08:46
3	CAL3	0.025	1	100	100	7.37	1.78	0.000	0.021	0.021	0.025	0	08/13/2024	08:47
4	CAL4	0.05	1	100	100	7.40	1.76	0.000	0.039	0.039	0.049	-2	08/13/2024	08:48
5	CAL5	0.1	1	100	100	7.36	1.89	0.000	0.079	0.079	0.101	1	08/13/2024	08:49
6	CAL6	0.5	1	100	100	7.40	1.86	0.000	0.385	0.385	0.501	0.2	08/13/2024	08:50
7	CAL7	1	1	100	100	7.36	1.90	0.000	0.766	0.766	0.999	-0.1	08/13/2024	08:51



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Run Number: LB131965

pH Meter ID: WC pH Meter-1

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	1.93	0.000	0.384	0.384	0.500	08/13/2024	08:52
2	ICB		1	100	100	7.26	1.74	0.000	0.001	0.001	0.000	08/13/2024	08:53
3	CCV1	0.5	1	100	100	7.46	1.94	0.000	0.386	0.386	0.503	08/13/2024	08:54
4	CCB1		1	100	100	7.28	1.79	0.000	0.001	0.001	0.000	08/13/2024	08:55
5	RL Check	0.01	1	100	100	7.42	1.93	0.000	0.009	0.009	0.010	08/13/2024	08:56
6	PB162675BL		1	2.50	100	7.24	1.74	0.000	0.000	0.000	-0.002	08/13/2024	08:57
7	PB162675BS	20	1	2.50	100	7.42	1.96	0.000	0.385	0.385	0.501	08/13/2024	08:58
8	P3406-04		1	2.53	100	7.60	2.10	0.038	0.038	0.000	-0.002	08/13/2024	08:59
9	P3406-05		1	2.54	100	7.58	2.06	0.001	0.364	0.363	0.473	08/13/2024	09:00
10	P3543-01		1	2.52	100	7.60	2.06	0.004	0.004	0.000	-0.002	08/13/2024	09:01
11	P3548-03		1	2.51	100	7.54	2.10	0.002	0.004	0.002	0.001	08/13/2024	09:02
12	P3548-03DU		1	2.52	100	7.52	2.06	0.002	0.004	0.002	0.001	08/13/2024	09:03
13	P3548-03MS	40	2	2.51	100	7.52	2.14	0.000	0.299	0.299	0.389	08/13/2024	09:04
14	P3548-03MS	1284	40	2.51	100	7.56	2.08	0.000	0.598	0.598	0.780	08/13/2024	09:05
15	P3548-03MS	40	2	2.52	100	7.56	2.12	0.000	0.369	0.369	0.480	08/13/2024	09:06
16	CCV2	0.5	1	100	100	7.46	1.92	0.000	0.384	0.384	0.500	08/13/2024	09:07
17	CCB2		1	100	100	7.29	1.77	0.000	0.001	0.001	0.000	08/13/2024	09:08
18	P3548-06		1	2.54	100	7.60	2.06	0.006	0.007	0.001	0.000	08/13/2024	09:09
19	P3548-09		1	2.54	100	7.64	2.18	0.002	0.003	0.001	0.000	08/13/2024	09:10
20	P3548-12		1	2.51	100	7.52	2.08	0.010	0.010	0.000	-0.002	08/13/2024	09:11
21	CCV3	0.5	1	100	100	7.43	1.92	0.000	0.385	0.385	0.501	08/13/2024	09:12
22	CCB3		1	100	100	7.27	1.78	0.000	0.000	0.000	-0.002	08/13/2024	09:13