

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB132246

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP109497
5N sulfuric acid	WP107791
HNO3 Hex-Chrome, 5M	WP107796
Hexchrome Cleaning Solution	WP108645

Intercept: 0.0016

Slope: 0.7651

Regression: 0.999992

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	7.29	1.77	0.000	0.000	0.000	-0.00		09/03/2024	12:00
2	CAL2	0.01	1	100	100	7.36	1.90	0.000	0.009	0.009	0.009	-10	09/03/2024	12:01
3	CAL3	0.025	1	100	100	7.35	1.87	0.000	0.021	0.021	0.025	0	09/03/2024	12:02
4	CAL4	0.05	1	100	100	7.38	1.88	0.000	0.039	0.039	0.048	-4	09/03/2024	12:03
5	CAL5	0.1	1	100	100	7.40	1.85	0.000	0.080	0.080	0.102	2	09/03/2024	12:04
6	CAL6	0.5	1	100	100	7.36	1.90	0.000	0.385	0.385	0.501	0.2	09/03/2024	12:05
7	CAL7	1	1	100	100	7.38	1.88	0.000	0.766	0.766	0.999	-0.1	09/03/2024	12:06



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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	7.43	1.91	0.000	0.386	0.386	0.502	09/03/2024	12:07
2	ICB		1	100	100	7.25	1.79	0.000	0.001	0.001	-0.001	09/03/2024	12:08
3	CCV1	0.5	1	100	100	7.44	1.92	0.010	0.383	0.373	0.485	09/03/2024	12:09
4	CCB1		1	100	100	7.27	1.76	0.000	0.001	0.001	-0.001	09/03/2024	12:10
5	RL Check	0.01	1	100	100	7.40	1.90	0.000	0.009	0.009	0.010	09/03/2024	12:11
6	PB163097BL		1	2.50	100	7.28	1.74	0.000	0.000	0.000	-0.002	09/03/2024	12:12
7	PB163097BS	20	1	2.50	100	7.43	1.94	0.000	0.385	0.385	0.501	09/03/2024	12:13
8	P3747-04		1	2.54	100	7.52	2.06	0.000	0.103	0.103	0.133	09/03/2024	12:14
9	P3812-01		1	2.54	100	7.52	2.04	0.008	0.008	0.000	-0.002	09/03/2024	12:15
10	P3812-01DU		1	2.53	100	7.56	2.10	0.007	0.008	0.001	-0.001	09/03/2024	12:16
11	P3812-01MS	40	2	2.53	100	7.52	2.06	0.002	0.299	0.297	0.386	09/03/2024	12:17
12	P3812-01MS	1284	40	2.54	100	7.60	2.06	0.000	0.606	0.606	0.790	09/03/2024	12:18
13	P3812-01MS	40	2	2.53	100	7.58	2.08	0.001	0.385	0.384	0.500	09/03/2024	12:19
14	P3813-01		1	2.51	100	7.58	2.10	0.019	0.019	0.000	-0.002	09/03/2024	12:20
15	P3813-03		1	2.54	100	7.60	2.18	0.010	0.010	0.000	-0.002	09/03/2024	12:21
16	CCV2	0.5	1	100	100	7.46	1.94	0.000	0.383	0.383	0.498	09/03/2024	12:22
17	CCB2		1	100	100	7.26	1.80	0.000	0.001	0.001	-0.001	09/03/2024	12:23