

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB132537

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP109756
5N sulfuric acid	WP107791
HNO3 Hex-Chrome, 5M	WP107796
Hexchrome Cleaning Solution	WP108645

Intercept: 0.0015

Slope: 0.7648

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	7.25	1.89	0.000	0.000	0.000	-0.00		09/20/2024	17:15
2	CAL2	0.01	1	100	100	7.37	1.88	0.000	0.008	0.008	0.008	-20	09/20/2024	17:16
3	CAL3	0.025	1	100	100	7.35	1.84	0.000	0.021	0.021	0.025	0	09/20/2024	17:17
4	CAL4	0.05	1	100	100	7.39	1.88	0.000	0.040	0.040	0.050	0	09/20/2024	17:18
5	CAL5	0.1	1	100	100	7.36	1.84	0.000	0.080	0.080	0.102	2	09/20/2024	17:19
6	CAL6	0.5	1	100	100	7.34	1.90	0.001	0.385	0.384	0.500	0	09/20/2024	17:20
7	CAL7	1	1	100	100	7.38	1.85	0.000	0.766	0.766	0.999	-0.1	09/20/2024	17:21



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Run Number: LB132537

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	7.43	1.92	0.000	0.384	0.384	0.500	09/20/2024	17:22
2	ICB		1	100	100	7.29	1.80	0.000	0.000	0.000	-0.002	09/20/2024	17:23
3	CCV1	0.5	1	100	100	7.42	1.96	0.000	0.385	0.385	0.501	09/20/2024	17:24
4	CCB1		1	100	100	7.24	1.87	0.000	0.001	0.001	-0.001	09/20/2024	17:25
5	RL Check	0.01	1	100	100	7.41	1.91	0.000	0.009	0.009	0.010	09/20/2024	17:26
6	PB163530BL		1	2.50	100	7.29	1.79	0.000	0.001	0.001	-0.001	09/20/2024	17:27
7	PB163530BS	20	1	2.50	100	7.43	1.92	0.000	0.383	0.383	0.499	09/20/2024	17:28
8	P4103-01		1	2.51	100	7.52	2.06	0.006	0.007	0.001	-0.001	09/20/2024	17:29
9	P4103-04		1	2.54	100	7.60	2.10	0.005	0.005	0.000	-0.002	09/20/2024	17:30
10	P4103-07		1	2.52	100	7.66	2.20	0.001	0.002	0.001	-0.001	09/20/2024	17:31
11	P4103-10		1	2.53	100	7.58	2.06	0.024	0.025	0.001	-0.001	09/20/2024	17:32
12	P4103-13		1	2.54	100	7.60	2.10	0.002	0.003	0.001	-0.001	09/20/2024	17:33
13	P4103-16		1	2.51	100	7.59	2.18	0.003	0.003	0.000	-0.002	09/20/2024	17:34
14	P4103-16DU		1	2.51	100	7.60	2.10	0.003	0.003	0.000	-0.002	09/20/2024	17:35
15	P4103-16MS	40	2	2.52	100	7.52	2.18	0.000	0.301	0.301	0.392	09/20/2024	17:36
16	CCV2	0.5	1	100	100	7.64	2.10	0.000	0.383	0.383	0.499	09/20/2024	17:37
17	CCB2		1	100	100	7.26	1.76	0.000	0.001	0.001	-0.001	09/20/2024	17:38
18	P4103-16MS	1284	40	2.51	100	7.60	2.10	0.000	0.602	0.602	0.785	09/20/2024	17:39
19	P4103-16MS	40	2	2.52	100	7.56	2.14	0.000	0.370	0.370	0.482	09/20/2024	17:40
20	P4120-13		1	2.51	100	7.70	2.10	0.005	0.006	0.001	-0.001	09/20/2024	17:41
21	P4125-01		1	2.52	100	7.60	2.22	0.006	0.007	0.001	-0.001	09/20/2024	17:42
22	P4126-01		1	2.55	100	7.64	2.06	0.007	0.007	0.000	-0.002	09/20/2024	17:43
23	CCV3	0.5	1	100	100	7.36	1.90	0.000	0.386	0.386	0.503	09/20/2024	17:44
24	CCB3		1	100	100	7.30	1.78	0.000	0.001	0.001	-0.001	09/20/2024	17:45