

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB132887

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP110108
5N sulfuric acid	WP107791
HNO3 Hex-Chrome, 5M	WP107796
Hexchrome Cleaning Solution	WP108645

Intercept: 0.0012

Slope: 0.7646

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	7.25	1.76	0.000	0.000	0.000	-0.00		10/11/2024	11:45
2	CAL2	0.01	1	100	100	7.40	1.89	0.000	0.009	0.009	0.010	0	10/11/2024	11:46
3	CAL3	0.025	1	100	100	7.36	1.87	0.000	0.021	0.021	0.025	0	10/11/2024	11:47
4	CAL4	0.05	1	100	100	7.37	1.89	0.000	0.039	0.039	0.049	-2	10/11/2024	11:48
5	CAL5	0.1	1	100	100	7.39	1.90	0.000	0.079	0.079	0.101	1	10/11/2024	11:49
6	CAL6	0.5	1	100	100	7.40	1.87	0.000	0.383	0.383	0.499	-0.2	10/11/2024	11:50
7	CAL7	1	1	100	100	7.36	1.84	0.000	0.766	0.766	1.000	0	10/11/2024	11:51

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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	1.94	0.000	0.385	0.385	0.502	10/11/2024	11:52
2	ICB		1	100	100	7.28	1.75	0.000	0.001	0.001	0.000	10/11/2024	11:53
3	CCV1	0.5	1	100	100	7.43	1.96	0.000	0.383	0.383	0.499	10/11/2024	11:54
4	CCB1		1	100	100	7.30	1.79	0.000	0.000	0.000	-0.002	10/11/2024	11:55
5	RL Check	0.01	1	100	100	7.40	1.91	0.000	0.010	0.010	0.012	10/11/2024	11:56
6	PB164052BL		1	2.50	100	7.29	1.77	0.000	0.000	0.000	-0.002	10/11/2024	11:57
7	PB164052BS	20	1	2.50	100	7.43	1.96	0.000	0.384	0.384	0.501	10/11/2024	11:58
8	P4258-03		1	2.53	100	7.56	2.10	0.004	0.005	0.001	0.000	10/11/2024	11:59
9	P4368-01		1	2.50	100	7.52	2.02	0.000	0.005	0.005	0.005	10/11/2024	12:00
10	P4368-02		1	2.50	100	7.50	2.02	0.000	0.009	0.009	0.010	10/11/2024	12:01
11	P4377-01		1	2.53	100	7.56	2.06	0.001	0.002	0.001	0.000	10/11/2024	12:02
12	P4377-01DU		1	2.52	100	7.52	2.10	0.001	0.002	0.001	0.000	10/11/2024	12:03
13	P4377-01MS	40	2	2.53	100	7.52	2.06	0.000	0.299	0.299	0.389	10/11/2024	12:04
14	P4377-01MS	1284	40	2.54	100	7.58	2.08	0.000	0.579	0.579	0.756	10/11/2024	12:05
15	P4377-01MS	40	2	2.54	100	7.60	2.12	0.000	0.369	0.369	0.481	10/11/2024	12:06
16	CCV2	0.5	1	100	100	7.45	1.93	0.000	0.386	0.386	0.503	10/11/2024	12:07
17	CCB2		1	100	100	7.30	1.94	0.000	0.000	0.000	-0.002	10/11/2024	12:08
18	P4385-02		1	2.51	100	7.60	2.10	0.006	0.006	0.000	-0.002	10/11/2024	12:09
19	P4385-04		1	2.52	100	7.52	2.06	0.005	0.006	0.001	0.000	10/11/2024	12:10
20	P4385-06		1	2.54	100	7.56	2.06	0.006	0.006	0.000	-0.002	10/11/2024	12:11
21	P4385-08		1	2.52	100	7.60	2.12	0.002	0.002	0.000	-0.002	10/11/2024	12:12
22	P4385-10		1	2.52	100	7.52	2.10	0.003	0.004	0.001	0.000	10/11/2024	12:13
23	P4385-12		1	2.54	100	7.58	2.14	0.004	0.005	0.001	0.000	10/11/2024	12:14
24	P4385-14		1	2.51	100	7.52	2.06	0.006	0.008	0.002	0.001	10/11/2024	12:15
25	P4385-16		1	2.51	100	7.52	2.10	0.008	0.008	0.000	-0.002	10/11/2024	12:16
26	P4385-18		1	2.53	100	7.58	2.06	0.007	0.008	0.001	0.000	10/11/2024	12:17
27	P4385-20		1	2.52	100	7.60	2.12	0.006	0.006	0.000	-0.002	10/11/2024	12:18
28	CCV3	0.5	1	100	100	7.41	1.92	0.000	0.383	0.383	0.499	10/11/2024	12:19
29	CCB3		1	100	100	7.27	1.75	0.000	0.001	0.001	0.000	10/11/2024	12:20