



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB129110

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP106056
5N sulfuric acid	WP105081
HNO3 Hex-Chrome, 5M	WP105080
Hexchrome Cleaning Solution	WP103556

Intercept: 0.0013

Slope: 0.765

Regression: 0.999996

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	7.28	1.76	0.000	0.000	0.000	-0.00		01/11/2024	09:00
2	CAL2	0.01	1	100	100	7.36	1.86	0.000	0.009	0.009	0.010	0	01/11/2024	09:01
3	CAL3	0.025	1	100	100	7.38	1.88	0.000	0.020	0.020	0.024	-4	01/11/2024	09:02
4	CAL4	0.05	1	100	100	7.36	1.89	0.000	0.040	0.040	0.050	0	01/11/2024	09:03
5	CAL5	0.1	1	100	100	7.35	1.87	0.000	0.079	0.079	0.101	1	01/11/2024	09:04
6	CAL6	0.5	1	100	100	7.40	1.90	0.000	0.384	0.384	0.500	0	01/11/2024	09:05
7	CAL7	1	1	100	100	7.37	1.88	0.000	0.766	0.766	0.999	-0.1	01/11/2024	09:06

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Run Number: LB129110

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	7.42	1.92	0.000	0.386	0.386	0.503	01/11/2024	09:07
2	ICB		1	100	100	7.26	1.75	0.000	0.001	0.001	0.000	01/11/2024	09:08
3	CCV1	0.5	1	100	100	7.43	1.95	0.000	0.383	0.383	0.499	01/11/2024	09:09
4	CCB1		1	100	100	7.26	1.74	0.000	0.001	0.001	0.000	01/11/2024	09:10
5	RL Check	0.01	1	100	100	7.41	1.90	0.000	0.009	0.009	0.010	01/11/2024	09:11
6	PB158320BL		1	2.50	100	7.26	1.76	0.000	0.001	0.001	0.000	01/11/2024	09:12
7	PB158320BS	20	1	2.50	100	7.42	1.91	0.000	0.385	0.385	0.502	01/11/2024	09:13
8	P1040-01		1	2.52	100	7.56	2.08	0.017	0.018	0.001	0.000	01/11/2024	09:14
9	P1040-02		1	2.54	100	7.52	2.06	0.012	0.025	0.013	0.015	01/11/2024	09:15
10	P1040-03		1	2.53	100	7.56	2.10	0.022	0.024	0.002	0.001	01/11/2024	09:16
11	P1067-01		1	2.54	100	7.52	2.08	0.005	0.007	0.002	0.001	01/11/2024	09:17
12	P1067-04		1	2.53	100	7.52	2.18	0.015	0.016	0.001	0.000	01/11/2024	09:18
13	P1067-07		1	2.52	100	7.58	2.08	0.010	0.011	0.001	0.000	01/11/2024	09:19
14	P1068-01		1	2.54	100	7.62	2.14	0.008	0.009	0.001	0.000	01/11/2024	09:20
15	P1069-01		1	2.52	100	7.66	2.06	0.013	0.014	0.001	0.000	01/11/2024	09:21
16	CCV2	0.5	1	100	100	7.42	1.92	0.000	0.384	0.384	0.500	01/11/2024	09:22
17	CCB2		1	100	100	7.25	1.78	0.000	0.001	0.001	0.000	01/11/2024	09:23
18	P1070-01		1	2.54	100	7.56	2.08	0.005	0.006	0.001	0.000	01/11/2024	09:24
19	P1070-01DU		1	2.55	100	7.54	2.10	0.004	0.005	0.001	0.000	01/11/2024	09:25
20	P1070-01MS	40	2	2.53	100	7.52	2.06	0.002	0.329	0.327	0.426	01/11/2024	09:26
21	P1070-01MS	1284	40	2.54	100	7.58	2.12	0.000	0.506	0.506	0.660	01/11/2024	09:27
22	P1070-01MS	40	2	2.53	100	7.56	2.08	0.001	0.376	0.375	0.488	01/11/2024	09:28
23	P1100-01		1	2.53	100	7.62	2.18	0.008	0.009	0.001	0.000	01/11/2024	09:29
24	P1100-02		1	2.52	100	7.68	2.20	0.032	0.032	0.000	-0.002	01/11/2024	09:30
25	P1100-03		1	2.54	100	7.56	2.16	0.007	0.008	0.001	0.000	01/11/2024	09:31
26	CCV3	0.5	1	100	100	7.44	1.94	0.000	0.385	0.385	0.502	01/11/2024	09:32
27	CCB3		1	100	100	7.27	1.75	0.000	0.001	0.001	0.000	01/11/2024	09:33