



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB129372

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP106418
5N sulfuric acid	WP105081
HNO3 Hex-Chrome, 5M	WP105080
Hexchrome Cleaning Solution	WP106152

Intercept: 0.0015

Slope: 0.7675

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	7.28	1.74	0.000	0.000	0.000	-0.00		02/05/2024	12:01
2	CAL2	0.01	1	100	100	7.36	1.87	0.000	0.010	0.010	0.011	10	02/05/2024	12:02
3	CAL3	0.025	1	100	100	7.38	1.84	0.000	0.020	0.020	0.024	-4	02/05/2024	12:03
4	CAL4	0.05	1	100	100	7.39	1.87	0.000	0.040	0.040	0.050	0	02/05/2024	12:04
5	CAL5	0.1	1	100	100	7.36	1.88	0.000	0.080	0.080	0.102	2	02/05/2024	12:05
6	CAL6	0.5	1	100	100	7.35	1.88	0.000	0.385	0.385	0.499	-0.2	02/05/2024	12:06
7	CAL7	1	1	100	100	7.37	1.85	0.000	0.769	0.769	1	0	02/05/2024	12:07



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Run Number: LB129372

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	7.38	1.92	0.000	0.386	0.386	0.501	02/05/2024	12:08
2	ICB		1	100	100	7.25	1.74	0.000	0.001	0.001	-0.001	02/05/2024	12:09
3	CCV1	0.5	1	100	100	7.42	1.93	0.000	0.383	0.383	0.497	02/05/2024	12:10
4	CCB1		1	100	100	7.27	1.77	0.000	0.001	0.001	-0.001	02/05/2024	12:11
5	RL Check	0.01	1	100	100	7.40	1.91	0.000	0.009	0.009	0.010	02/05/2024	12:12
6	PB158778BL		1	2.50	100	7.25	1.78	0.000	0.001	0.001	-0.001	02/05/2024	12:13
7	PB158778BS	20	1	2.50	100	7.41	1.91	0.000	0.385	0.385	0.500	02/05/2024	12:14
8	P1066-01		1	2.52	100	7.62	2.08	0.011	0.016	0.005	0.005	02/05/2024	12:15
9	P1316-01		1	2.50	100	7.52	2.10	0.037	0.038	0.001	-0.001	02/05/2024	12:16
10	P1316-02		1	2.52	100	7.56	2.18	0.036	0.036	0.000	-0.002	02/05/2024	12:17
11	P1318-01		1	2.54	100	7.56	2.08	0.006	0.008	0.002	0.001	02/05/2024	12:18
12	P1318-01DU		1	2.53	100	7.52	2.04	0.006	0.007	0.001	-0.001	02/05/2024	12:19
13	P1318-01MS	40	2	2.52	100	7.58	2.08	0.004	0.329	0.325	0.421	02/05/2024	12:20
14	P1318-01MS	1284	40	2.54	100	7.52	2.10	0.000	0.598	0.598	0.777	02/05/2024	12:21
15	P1318-01MS	40	2	2.52	100	7.54	2.04	0.004	0.381	0.377	0.489	02/05/2024	12:22
16	CCV2	0.5	1	100	100	7.44	1.92	0.000	0.383	0.383	0.497	02/05/2024	12:23
17	CCB2		1	100	100	7.26	1.78	0.000	0.001	0.001	-0.001	02/05/2024	12:24
18	P1318-02		1	2.53	100	7.58	2.08	0.024	0.031	0.007	0.007	02/05/2024	12:25
19	P1337-01		1	2.52	100	7.62	2.14	0.013	0.014	0.001	-0.001	02/05/2024	12:26
20	P1337-04		1	2.54	100	7.62	2.16	0.014	0.014	0.000	-0.002	02/05/2024	12:27
21	P1337-07		1	2.53	100	7.60	2.12	0.022	0.024	0.002	0.001	02/05/2024	12:28
22	P1337-10		1	2.52	100	7.52	2.10	0.022	0.024	0.002	0.001	02/05/2024	12:29
23	P1337-13		1	2.51	100	7.58	2.20	0.029	0.030	0.001	-0.001	02/05/2024	12:30
24	P1337-17		1	2.53	100	7.54	2.08	0.012	0.014	0.002	0.001	02/05/2024	12:31
25	P1338-01		1	2.54	100	7.60	2.08	0.014	0.015	0.001	-0.001	02/05/2024	12:32
26	P1340-01		1	2.55	100	7.52	2.06	0.038	0.038	0.000	-0.002	02/05/2024	12:33
27	P1340-02		1	2.52	100	7.66	2.08	0.037	0.038	0.001	-0.001	02/05/2024	12:34
28	CCV3	0.5	1	100	100	7.42	1.94	0.000	0.384	0.384	0.498	02/05/2024	12:35
29	CCB3		1	100	100	7.64	1.75	0.000	0.001	0.001	-0.001	02/05/2024	12:36
30	P1341-01		1	2.53	100	7.62	2.08	0.036	0.038	0.002	0.001	02/05/2024	12:37
31	P1341-02		1	2.52	100	7.52	2.18	0.037	0.038	0.001	-0.001	02/05/2024	12:38
32	P1345-01		1	2.54	100	7.66	2.08	0.009	0.010	0.001	-0.001	02/05/2024	12:39
33	P1362-01		1	2.53	100	7.56	2.20	0.019	0.020	0.001	-0.001	02/05/2024	12:40
34	P1362-05		1	2.52	100	7.52	2.18	0.030	0.032	0.002	0.001	02/05/2024	12:41
35	P1362-09		1	2.51	100	7.58	2.08	0.023	0.024	0.001	-0.001	02/05/2024	12:42
36	CCV4	0.5	1	100	100	7.43	1.92	0.000	0.386	0.386	0.501	02/05/2024	12:43
37	CCB4		1	100	100	7.26	1.78	0.000	0.001	0.001	-0.001	02/05/2024	12:44