



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Iwona

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: jignesh

Run Number: LB122610

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP99537
5N sulfuric acid	WP96514
HNO3 Hex-Chrome, 5M	WP96513
Hexchrome Cleaning Solution	WP98731

Intercept: 0.0012

Slope: 0.7654

Regression: 0.999997

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	7.14	2.14	0.000	0.000	0.000	-0.00		10/25/2022	14:00
2	CAL2	0.01	1	100	100	7.66	1.88	0.000	0.009	0.009	0.010	0	10/25/2022	14:01
3	CAL3	0.025	1	100	100	7.82	1.69	0.000	0.020	0.020	0.024	4	10/25/2022	14:02
4	CAL4	0.05	1	100	100	7.24	2.06	0.000	0.040	0.040	0.050	0	10/25/2022	14:03
5	CAL5	0.1	1	100	100	7.25	2.14	0.000	0.078	0.078	0.100	0	10/25/2022	14:04
6	CAL6	0.5	1	100	100	7.30	2.36	0.000	0.385	0.385	0.501	-0.2	10/25/2022	14:05
7	CAL7	1	1	100	100	7.77	2.18	0.000	0.766	0.766	0.999	0.1	10/25/2022	14:06



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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	7.16	1.88	0.000	0.381	0.381	0.496	10/25/2022	14:07
2	ICB		1	100	100	7.21	2.09	0.000	0.001	0.001	0.000	10/25/2022	14:08
3	CCV1	0.5	1	100	100	7.40	2.40	0.000	0.378	0.378	0.492	10/25/2022	14:09
4	CCB1		1	100	100	7.88	2.37	0.000	0.001	0.001	0.000	10/25/2022	14:10
5	RL Check	0.01	1	100	100	7.29	1.67	0.000	0.009	0.009	0.010	10/25/2022	14:11
6	PB148550BL		1	2.50	100	7.33	1.89	0.000	0.003	0.003	0.002	10/25/2022	14:12
7	PB148550BS	20	1	2.50	100	7.45	1.53	0.000	0.384	0.384	0.500	10/25/2022	14:13
8	N5254-01		1	2.54	100	7.50	2.41	0.011	0.012	0.001	0.000	10/25/2022	14:14
9	N5254-04		1	2.55	100	7.12	2.08	0.012	0.013	0.001	0.000	10/25/2022	14:15
10	N5254-07		1	2.53	100	7.08	2.15	0.020	0.021	0.001	0.000	10/25/2022	14:16
11	N5254-10		1	2.57	100	7.63	1.87	0.020	0.022	0.002	0.001	10/25/2022	14:17
12	N5254-13		1	2.51	100	7.87	1.68	0.000	0.002	0.002	0.001	10/25/2022	14:18
13	N5257-01		1	2.56	100	7.46	2.17	0.030	0.031	0.001	0.000	10/25/2022	14:19
14	N5257-03		1	2.52	100	7.63	2.25	0.028	0.028	0.000	-0.002	10/25/2022	14:20
15	N5257-05		1	2.54	100	7.87	2.30	0.023	0.024	0.001	0.000	10/25/2022	14:21
16	CCV2	0.5	1	100	100	7.23	1.58	0.000	0.376	0.376	0.490	10/25/2022	14:22
17	CCB2		1	100	100	7.76	1.60	0.000	0.002	0.002	0.001	10/25/2022	14:23
18	N5257-07		1	2.58	100	7.38	1.94	0.015	0.015	0.000	-0.002	10/25/2022	14:24
19	N5257-07DU		1	2.54	100	7.57	2.05	0.016	0.017	0.001	0.000	10/25/2022	14:25
20	N5257-07MS	40	2	2.53	100	7.08	1.87	0.019	0.321	0.302	0.393	10/25/2022	14:26
21	N5257-07MS	1284	40	2.55	100	7.41	1.82	0.008	0.607	0.599	0.781	10/25/2022	14:27
22	N5257-07MS	40	2	2.52	100	7.49	2.36	0.018	0.372	0.354	0.461	10/25/2022	14:28
23	N5265-01		1	2.53	100	7.02	2.17	0.003	0.005	0.002	0.001	10/25/2022	14:29
24	N5267-01		1	2.55	100	7.84	1.87	0.009	0.011	0.002	0.001	10/25/2022	14:30
25	N5267-04		1	2.51	100	7.92	2.06	0.012	0.012	0.000	-0.002	10/25/2022	14:31
26	N5267-07		1	2.56	100	7.70	1.64	0.006	0.008	0.002	0.001	10/25/2022	14:32
27	N5267-10		1	2.54	100	7.51	1.85	0.009	0.010	0.001	0.000	10/25/2022	14:33
28	CCV3	0.5	1	100	100	7.38	1.67	0.000	0.386	0.386	0.503	10/25/2022	14:34
29	CCB3		1	100	100	7.15	2.28	0.000	0.003	0.003	0.002	10/25/2022	14:35
30	N5267-13		1	2.51	100	7.52	2.21	0.008	0.008	0.000	-0.002	10/25/2022	14:36
31	N5267-16		1	2.53	100	7.74	2.11	0.001	0.002	0.001	0.000	10/25/2022	14:37
32	N5267-19		1	2.55	100	7.28	2.43	0.016	0.018	0.002	0.001	10/25/2022	14:38
33	N5268-01		1	2.54	100	7.05	1.83	0.010	0.0121	0.002		10/25/2022	14:39
34	CCV4	0.5	1	100	100	7.42	1.54	0.000	0.381	0.381	0.496	10/25/2022	14:40
35	CCB4		1	100	100	7.37	2.03	0.000	0.002	0.002	0.001	10/25/2022	14:41