

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Iwona

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Sohil

Run Number: LB122778

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP99798
5N sulfuric acid	WP99758
HNO3 Hex-Chrome, 5M	WP99757
Hexchrome Cleaning Solution	WP98731

Intercept: 0.0012

Slope: 0.7634

Regression: 0.999995

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	7.67	1.86	0.000	0.000	0.000	-0.00		11/07/2022	11:50
2	CAL2	0.01	1	100	100	7.28	1.96	0.000	0.008	0.008	0.008	20	11/07/2022	11:51
3	CAL3	0.025	1	100	100	7.30	2.07	0.000	0.021	0.021	0.025	0	11/07/2022	11:52
4	CAL4	0.05	1	100	100	7.84	2.34	0.000	0.040	0.040	0.050	0	11/07/2022	11:53
5	CAL5	0.1	1	100	100	7.08	1.82	0.000	0.078	0.078	0.100	0	11/07/2022	11:54
6	CAL6	0.5	1	100	100	7.21	2.04	0.000	0.384	0.384	0.501	-0.2	11/07/2022	11:55
7	CAL7	1	1	100	100	7.73	2.29	0.000	0.764	0.764	0.999	0.1	11/07/2022	11:56



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Run Number: LB122778

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	7.25	1.62	0.000	0.380	0.380	0.496	11/07/2022	11:57
2	ICB		1	100	100	7.44	1.84	0.000	0.001	0.001	0.000	11/07/2022	11:58
3	CCV1	0.5	1	100	100	7.28	2.47	0.000	0.382	0.382	0.499	11/07/2022	11:59
4	CCB1		1	100	100	7.19	2.13	0.000	0.002	0.002	0.001	11/07/2022	12:00
5	RL Check	0.01	1	100	100	7.51	1.88	0.000	0.009	0.009	0.010	11/07/2022	12:01
6	PB148811BL		1	2.50	100	7.36	1.53	0.000	0.001	0.001	0.000	11/07/2022	12:02
7	PB148811BS	20	1	2.50	100	7.37	2.08	0.000	0.378	0.378	0.494	11/07/2022	12:03
8	N5418-01		1	2.53	100	7.04	2.45	0.005	0.005	0.000	-0.002	11/07/2022	12:04
9	N5418-04		1	2.57	100	7.26	1.70	0.004	0.006	0.002	0.001	11/07/2022	12:05
10	N5418-07		1	2.51	100	7.81	2.37	0.011	0.011	0.000	-0.002	11/07/2022	12:06
11	N5418-10		1	2.55	100	7.64	1.99	0.003	0.004	0.001	0.000	11/07/2022	12:07
12	N5418-13		1	2.53	100	7.69	2.05	0.006	0.008	0.002	0.001	11/07/2022	12:08
13	N5418-16		1	2.53	100	7.36	2.43	0.002	0.003	0.001	0.000	11/07/2022	12:09
14	N5425-01		1	2.51	100	7.91	2.14	0.012	0.014	0.002	0.001	11/07/2022	12:10
15	N5433-01		1	2.54	100	7.21	1.80	0.005	0.006	0.001	0.000	11/07/2022	12:11
16	CCV2	0.5	1	100	100	7.74	2.07	0.000	0.386	0.386	0.504	11/07/2022	12:12
17	CCB2		1	100	100	7.95	2.10	0.000	0.002	0.002	0.001	11/07/2022	12:13
18	N5433-01DU		1	2.55	100	7.50	1.77	0.004	0.006	0.002	0.001	11/07/2022	12:14
19	N5433-01MS	40	2	2.53	100	7.41	1.62	0.008	0.307	0.299	0.390	11/07/2022	12:15
20	N5433-01MS	1284	40	2.53	100	7.16	2.08	0.003	0.612	0.609	0.796	11/07/2022	12:16
21	N5433-01MS	40	2	2.55	100	7.58	2.11	0.007	0.364	0.357	0.466	11/07/2022	12:17
22	N5435-01		1	2.58	100	7.32	1.97	0.006	0.008	0.002	0.001	11/07/2022	12:18
23	N5435-03		1	2.53	100	7.03	1.72	0.009	0.010	0.001	0.000	11/07/2022	12:19
24	N5451-01		1	2.54	100	7.74	2.27	0.032	0.033	0.001	0.000	11/07/2022	12:20
25	N5452-01		1	2.56	100	7.23	1.72	0.005	0.005	0.000	-0.002	11/07/2022	12:21
26	N5453-01		1	2.51	100	7.93	1.74	0.003	0.004	0.001	0.000	11/07/2022	12:22
27	N5459-01		1	2.53	100	7.70	1.65	0.001	0.002	0.001	0.000	11/07/2022	12:23
28	CCV3	0.5	1	100	100	7.10	1.58	0.000	0.379	0.379	0.495	11/07/2022	12:24
29	CCB3		1	100	100	7.34	2.12	0.000	0.001	0.001	0.000	11/07/2022	12:25
30	N5459-03		1	2.57	100	7.54	2.18	0.002	0.004	0.002	0.001	11/07/2022	12:26
31	N5479-03		1	2.55	100	7.28	2.47	0.002	0.002	0.000	-0.002	11/07/2022	12:27
32	N5491-01		1	2.51	100	7.22	1.93	0.001	0.001	0.000	-0.002	11/07/2022	12:28
33	N5491-04		1	2.54	100	7.71	2.08	0.006	0.008	0.002	0.001	11/07/2022	12:29
34	N5491-07		1	2.56	100	7.63	1.77	0.002	0.003	0.001	0.000	11/07/2022	12:30
35	N5491-10		1	2.53	100	7.85	1.68	0.004	0.004	0.000	-0.002	11/07/2022	12:31
36	CCV4	0.5	1	100	100	7.43	2.18	0.000	0.385	0.385	0.503	11/07/2022	12:32
37	CCB4		1	100	100	7.72	2.33	0.000	0.000	0.000	-0.002	11/07/2022	12:33