



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB118871

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP95538
5N sulfuric acid	WP93692
HNO3 Hex-Chrome, 5M	WP93691
HEX LOD STD, 0.005PPM	WP95539
Hexchrome Cleaning Solution	WP92841
Hex LOQ Std, 0.01PPM	WP95540

Intercept: 0.0021

Slope: 0.7664

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	7.25	2.18	0.000	0.002	0.002	-0.00		02/26/2022	13:10
2	CAL2	0.01	1	100	100	7.36	2.30	0.000	0.009	0.009	0.009	10	02/26/2022	13:11
3	CAL3	0.025	1	100	100	7.18	2.25	0.000	0.021	0.021	0.024	4	02/26/2022	13:12
4	CAL4	0.05	1	100	100	7.08	1.88	0.000	0.040	0.040	0.049	2	02/26/2022	13:13
5	CAL5	0.1	1	100	100	7.45	1.74	0.000	0.080	0.080	0.101	-1	02/26/2022	13:14
6	CAL6	0.5	1	100	100	7.62	1.95	0.000	0.386	0.386	0.500	0	02/26/2022	13:15
7	CAL7	1	1	100	100	7.58	2.08	0.000	0.768	0.768	0.999	0.1	02/26/2022	13:16

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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	7.82	2.05	0.000	0.380	0.380	0.493	02/26/2022	13:20
2	ICB		1	100	100	7.70	2.35	0.000	0.002	0.002	0.000	02/26/2022	13:21
3	CCV1	0.5	1	100	100	7.63	2.16	0.000	0.379	0.379	0.492	02/26/2022	13:22
4	CCB1		1	100	100	7.41	2.08	0.000	0.001	0.001	-0.001	02/26/2022	13:23
5	RL Check	0.01	1	100	100	7.58	1.88	0.000	0.010	0.010	0.010	02/26/2022	13:25
6	PB142953BL		1	2.50	100	7.28	1.95	0.000	0.002	0.002	0.000	02/26/2022	13:26
7	PB142953BS	20	1	2.50	100	7.19	1.74	0.000	0.355	0.355	0.460	02/26/2022	13:27
8	N1645-01		1	2.50	100	7.34	2.40	0.000	0.005	0.005	0.004	02/26/2022	13:28
9	N1645-02		1	2.50	100	7.28	2.38	0.000	0.010	0.010	0.010	02/26/2022	13:29
10	N1650-01		1	2.54	100	7.34	2.19	0.030	0.049	0.019	0.022	02/26/2022	13:30
11	N1650-01DU		1	2.56	100	7.62	2.25	0.029	0.048	0.019	0.022	02/26/2022	13:31
12	N1650-01MS	40	2	2.55	100	7.75	2.30	0.027	0.351	0.324	0.420	02/26/2022	13:35
13	N1650-01MS	1284	40	2.57	100	7.62	1.88	0.022	0.629	0.607	0.789	02/26/2022	13:36
14	N1650-01MS	40	2	2.56	100	7.49	1.78	0.026	0.372	0.346	0.449	02/26/2022	13:38
15	N1650-03		1	2.59	100	7.28	1.95	0.074	0.075	0.001	-0.001	02/26/2022	13:39
16	CCV2	0.5	1	100	100	7.34	2.20	0.000	0.378	0.378	0.490	02/26/2022	13:40
17	CCB2		1	100	100	7.41	1.79	0.000	0.001	0.001	-0.001	02/26/2022	13:40
18	N1664-01		1	2.57	100	7.34	1.97	0.040	0.042	0.002	0.000	02/26/2022	13:41
19	N1664-04		1	2.58	100	7.29	1.85	0.010	0.011	0.001	-0.001	02/26/2022	13:42
20	N1664-07		1	2.59	100	7.09	2.34	0.019	0.020	0.001	-0.001	02/26/2022	13:43
21	N1664-10		1	2.57	100	7.48	2.18	0.015	0.015	0.000	-0.003	02/26/2022	13:44
22	N1664-13		1	2.58	100	7.51	2.28	0.023	0.024	0.001	-0.001	02/26/2022	13:45
23	N1664-16		1	2.56	100	7.67	1.79	0.037	0.037	0.000	-0.003	02/26/2022	13:46
24	N1664-19		1	2.57	100	7.85	1.92	0.060	0.061	0.001	-0.001	02/26/2022	13:47
25	N1664-22		1	2.55	100	7.37	1.82	0.009	0.009	0.000	-0.003	02/26/2022	13:48
26	N1664-25		1	2.56	100	7.49	2.30	0.015	0.015	0.000	-0.003	02/26/2022	13:49
27	N1664-28		1	2.54	100	7.58	2.18	0.017	0.018	0.001	-0.001	02/26/2022	13:50
28	CCV3	0.5	1	100	100	7.62	2.20	0.000	0.380	0.380	0.493	02/26/2022	13:51
29	CCB3		1	100	100	7.85	1.95	0.000	0.002	0.002	0.000	02/26/2022	13:52
30	N1664-31		1	2.57	100	7.67	1.75	0.027	0.028	0.001	-0.001	02/26/2022	13:53
31	N1679-01		1	2.59	100	7.49	1.82	0.018	0.019	0.001	-0.001	02/26/2022	13:54
32	N1679-04		1	2.57	100	7.34	2.09	0.009	0.009	0.000	-0.003	02/26/2022	13:55
33	N1681-01		1	2.58	100	7.19	2.34	0.014	0.015	0.001	-0.001	02/26/2022	13:56
34	N1681-04		1	2.56	100	7.28	2.18	0.030	0.032	0.002	0.000	02/26/2022	13:57
35	N1681-07		1	2.57	100	7.37	2.14	0.016	0.025	0.009	0.009	02/26/2022	13:58
36	CCV4	0.5	1	100	100	7.45	2.34	0.000	0.377	0.377	0.489	02/26/2022	13:59
37	CCB4		1	100	100	7.62	2.28	0.000	0.002	0.002	0.000	02/26/2022	14:00