



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB118637

pH Meter ID: wc ph meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP95244
5N sulfuric acid	WP93692
HNO3 Hex-Chrome, 5M	WP93691
Hexchrome Cleaning Solution	WP92841

Intercept: 0.0014

Slope: 0.7801

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	7.18	2.08	0.000	0.001	0.001	-0.00		02/11/2022	13:32
2	CAL2	0.01	1	100	100	7.35	2.15	0.000	0.009	0.009	0.009	10	02/11/2022	13:33
3	CAL3	0.025	1	100	100	7.20	1.88	0.000	0.021	0.021	0.025	0	02/11/2022	13:34
4	CAL4	0.05	1	100	100	7.15	1.75	0.000	0.040	0.040	0.049	2	02/11/2022	13:35
5	CAL5	0.1	1	100	100	7.28	1.95	0.000	0.081	0.081	0.102	-2	02/11/2022	13:36
6	CAL6	0.5	1	100	100	7.43	2.05	0.000	0.390	0.390	0.498	0.4	02/11/2022	13:37
7	CAL7	1	1	100	100	7.62	2.10	0.000	0.782	0.782	1.000	0	02/11/2022	13:38

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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	7.74	2.08	0.000	0.391	0.391	0.499	02/11/2022	13:40
2	ICB		1	100	100	7.52	1.88	0.000	0.001	0.001	-0.001	02/11/2022	13:41
3	CCV1	0.5	1	100	100	7.46	1.74	0.000	0.379	0.379	0.484	02/11/2022	13:42
4	CCB1		1	100	100	7.61	1.95	0.000	0.002	0.002	0.001	02/11/2022	13:43
5	RL Check	0.01	1	100	100	7.29	2.35	0.000	0.008	0.008	0.008	02/11/2022	13:45
6	PB142587BL		1	2.50	100	7.34	2.28	0.000	0.002	0.002	0.001	02/11/2022	13:46
7	PB142587BS	20	1	2.50	100	7.29	2.15	0.000	0.355	0.355	0.453	02/11/2022	13:47
8	N1443-01		1	2.54	100	7.19	1.78	0.016	0.018	0.002	0.001	02/11/2022	13:50
9	N1443-01DU		1	2.53	100	7.32	1.95	0.015	0.017	0.002	0.001	02/11/2022	13:51
10	N1443-01MS	40	2	2.54	100	7.45	2.30	0.013	0.341	0.328	0.419	02/11/2022	13:52
11	N1443-01MS	1284	40	2.55	100	7.62	2.15	0.010	0.628	0.618	0.790	02/11/2022	13:53
12	N1443-01MS	40	2	2.56	100	7.55	2.20	0.014	0.382	0.368	0.470	02/11/2022	13:54
13	N1443-03		1	2.53	100	7.37	2.15	0.040	0.042	0.002	0.001	02/11/2022	13:55
14	N1444-02		1	2.57	100	7.16	2.34	0.041	0.042	0.001	-0.001	02/11/2022	13:56
15	N1449-01		1	2.59	100	7.58	2.18	0.080	0.082	0.002	0.001	02/11/2022	13:57
16	CCV2	0.5	1	100	100	7.74	2.34	0.000	0.378	0.378	0.483	02/11/2022	13:58
17	CCB2		1	100	100	7.50	2.20	0.000	0.002	0.002	0.001	02/11/2022	13:59
18	N1449-02		1	2.58	100	7.49	2.18	0.075	0.077	0.002	0.001	02/11/2022	14:00
19	N1477-01		1	2.57	100	7.34	2.34	0.089	0.090	0.001	-0.001	02/11/2022	14:01
20	N1477-02		1	2.56	100	7.19	2.18	0.085	0.087	0.002	0.001	02/11/2022	14:02
21	N1477-03		1	2.59	100	7.28	2.34	0.091	0.092	0.001	-0.001	02/11/2022	14:03
22	N1477-04		1	2.58	100	7.19	1.88	0.074	0.075	0.001	-0.001	02/11/2022	14:04
23	N1489-01		1	2.55	100	7.20	1.74	0.035	0.035	0.000	-0.002	02/11/2022	14:05
24	N1489-02		1	2.54	100	7.65	1.96	0.063	0.065	0.002	0.001	02/11/2022	14:06
25	N1489-03		1	2.56	100	7.42	1.85	0.040	0.044	0.004	0.003	02/11/2022	14:07
26	N1495-01		1	2.57	100	7.37	2.08	0.044	0.045	0.001	-0.001	02/11/2022	14:08
27	CCV3	0.5	1	100	100	7.26	2.14	0.000	0.377	0.377	0.481	02/11/2022	14:09
28	CCB3		1	100	100	7.80	2.34	0.000	0.002	0.002	0.001	02/11/2022	14:10