



Analytical Summary Report

Analysis Method: 7196A

ANALYST: KETANKUMAR

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB118728

pH Meter ID: WC-PH METER-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP95352
5N sulfuric acid	WP93692
HNO3 Hex-Chrome, 5M	WP93691
Hexchrome Cleaning Solution	WP92841

Intercept: 0.0017

Slope: 0.7681

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	7.15	2.08	0.000	0.001	0.001	-0.00		02/18/2022	13:20
2	CAL2	0.01	1	100	100	7.36	1.88	0.000	0.009	0.009	0.009	10	02/18/2022	13:21
3	CAL3	0.025	1	100	100	7.28	1.79	0.000	0.021	0.021	0.025	0	02/18/2022	13:22
4	CAL4	0.05	1	100	100	7.20	1.95	0.000	0.040	0.040	0.049	2	02/18/2022	13:23
5	CAL5	0.1	1	100	100	7.18	2.34	0.000	0.080	0.080	0.101	-1	02/18/2022	13:24
6	CAL6	0.5	1	100	100	7.48	2.19	0.000	0.385	0.385	0.499	0.2	02/18/2022	13:25
7	CAL7	1	1	100	100	7.50	2.28	0.000	0.770	0.770	1.000	0	02/18/2022	13:26

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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	7.62	2.30	0.000	0.382	0.382	0.495	02/18/2022	13:30
2	ICB		1	100	100	7.55	2.15	0.000	0.002	0.002	0.000	02/18/2022	13:32
3	CCV1	0.5	1	100	100	7.68	2.25	0.000	0.380	0.380	0.493	02/18/2022	13:33
4	CCB1		1	100	100	7.70	1.88	0.000	0.002	0.002	0.000	02/18/2022	13:35
5	RL Check	0.01	1	100	100	7.34	1.79	0.000	0.010	0.010	0.011	02/18/2022	13:36
6	PB142751BL		1	2.50	100	7.19	1.95	0.000	0.001	0.001	-0.001	02/18/2022	13:37
7	PB142751BS	20	1	2.50	100	7.28	2.36	0.000	0.354	0.354	0.459	02/18/2022	13:40
8	N1556-01		1	2.55	100	7.49	2.14	0.070	0.072	0.002	0.000	02/18/2022	13:42
9	N1556-01DU		1	2.56	100	7.58	2.25	0.069	0.071	0.002	0.000	02/18/2022	13:43
10	N1556-01MS	40	2	2.54	100	7.37	1.79	0.065	0.175	0.110	0.141	02/18/2022	13:45
11	N1556-01MS	1284	40	2.53	100	7.19	1.95	0.062	0.628	0.566	0.735	02/18/2022	13:46
12	N1556-01MS	40	2	2.57	100	7.28	1.85	0.066	0.230	0.164	0.211	02/18/2022	13:47
13	N1564-02		1	2.59	100	7.34	2.34	0.015	0.016	0.001	-0.001	02/18/2022	13:48
14	N1564-05		1	2.57	100	7.16	2.18	0.021	0.021	0.000	-0.002	02/18/2022	13:49
15	N1571-02		1	2.58	100	7.25	1.88	0.014	0.015	0.001	-0.001	02/18/2022	13:50
16	CCV2	0.5	1	100	100	7.35	1.75	0.000	0.379	0.379	0.491	02/18/2022	13:51
17	CCB2		1	100	100	7.15	1.95	0.000	0.001	0.001	-0.001	02/18/2022	13:52
18	N1572-01		1	2.55	100	7.08	2.34	0.052	0.054	0.002	0.000	02/18/2022	13:53
19	N1579-01		1	2.56	100	7.34	2.19	0.035	0.037	0.002	0.000	02/18/2022	13:54
20	N1579-03		1	2.57	100	7.29	2.28	0.029	0.030	0.001	-0.001	02/18/2022	13:55
21	N1579-04		1	2.56	100	7.40	2.30	0.015	0.015	0.000	-0.002	02/18/2022	13:56
22	N1579-05		1	2.57	100	7.52	1.79	0.020	0.022	0.002	0.000	02/18/2022	13:57
23	CCV3	0.5	1	100	100	7.28	1.95	0.000	0.378	0.378	0.490	02/18/2022	13:58
24	CCB3		1	100	100	7.34	2.09	0.000	0.002	0.002	0.000	02/18/2022	13:58