



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB118694

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: 0.0016

Slope: 0.7689

Regression: 0.999998

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	0.002	0.002	0.000		02/16/2022	12:05
2	CAL2	0.01	1	100	100	7.32	2.15	0.000	0.009	0.009	0.009	10	02/16/2022	12:06
3	CAL3	0.025	1	100	100	7.18	2.34	0.000	0.021	0.021	0.025	0	02/16/2022	12:07
4	CAL4	0.05	1	100	100	7.25	1.89	0.000	0.040	0.040	0.049	2	02/16/2022	12:08
5	CAL5	0.1	1	100	100	7.46	1.74	0.000	0.079	0.079	0.100	0	02/16/2022	12:09
6	CAL6	0.5	1	100	100	7.62	1.90	0.000	0.385	0.385	0.498	0.4	02/16/2022	12:10
7	CAL7	1	1	100	100	7.52	2.30	0.000	0.771	0.771	1.000	0	02/16/2022	12:11

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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	7.72	1.75	0.000	0.383	0.383	0.496	02/16/2022	12:15
2	ICB		1	100	100	7.61	1.92	0.000	0.002	0.002	0.001	02/16/2022	12:16
3	CCV1	0.5	1	100	100	7.49	1.85	0.000	0.379	0.379	0.491	02/16/2022	12:17
4	CCB1		1	100	100	7.28	2.05	0.000	0.001	0.001	-0.001	02/16/2022	12:18
5	RL Check	0.01	1	100	100	7.34	2.16	0.000	0.010	0.010	0.011	02/16/2022	12:19
6	PB142698BL		1	2.50	100	7.15	2.30	0.000	0.002	0.002	0.001	02/16/2022	12:20
7	PB142698BS	20	1	2.50	100	7.28	2.28	0.000	0.355	0.355	0.460	02/16/2022	12:21
8	N1494-02		1	2.55	100	7.36	2.05	0.030	0.031	0.001	-0.001	02/16/2022	12:22
9	N1494-02DU		1	2.56	100	7.18	1.88	0.029	0.031	0.002	0.001	02/16/2022	12:23
10	N1494-02MS	40	2	2.54	100	7.25	1.74	0.027	0.353	0.326	0.422	02/16/2022	12:23
11	N1494-02MS	1284	40	2.52	100	7.36	1.92	0.022	0.628	0.606	0.786	02/16/2022	12:25
12	N1494-02MS	40	2	2.54	100	7.28	2.30	0.026	0.383	0.357	0.462	02/16/2022	12:26
13	N1511-01		1	2.57	100	7.15	2.41	0.078	0.080	0.002	0.001	02/16/2022	12:27
14	N1511-02		1	2.59	100	7.34	2.29	0.070	0.072	0.002	0.001	02/16/2022	12:28
15	N1524-01		1	2.55	100	7.25	2.30	0.012	0.012	0.000	-0.002	02/16/2022	12:30
16	CCV2	0.5	1	100	100	7.62	1.79	0.000	0.378	0.378	0.490	02/16/2022	12:31
17	CCB2		1	100	100	7.82	1.93	0.000	0.001	0.001	-0.001	02/16/2022	12:32
18	N1552-02		1	2.58	100	7.71	1.80	0.035	0.036	0.001	-0.001	02/16/2022	12:33
19	N1552-05		1	2.57	100	7.34	2.09	0.021	0.022	0.001	-0.001	02/16/2022	12:34
20	CCV3	0.5	1	100	100	7.19	2.10	0.000	0.380	0.380	0.492	02/16/2022	12:35
21	CCB3		1	100	100	7.08	2.34	0.000	0.002	0.002	0.001	02/16/2022	12:35