

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB118275

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP94876
5N sulfuric acid	WP93692
HNO3 Hex-Chrome, 5M	WP93691
Hexchrome Cleaning Solution	WP92841

Intercept: 0.0015

Slope: 0.7684

Regression: 0.999994

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	7.19	2.08	0.000	0.000	0.000	-0.00		01/18/2022	13:10
2	CAL2	0.01	1	100	100	7.37	1.88	0.000	0.009	0.009	0.009	10	01/18/2022	13:11
3	CAL3	0.025	1	100	100	7.28	1.74	0.000	0.021	0.021	0.025	0	01/18/2022	13:12
4	CAL4	0.05	1	100	100	7.41	1.96	0.000	0.040	0.040	0.050	0	01/18/2022	13:13
5	CAL5	0.1	1	100	100	7.62	2.18	0.000	0.080	0.080	0.102	-2	01/18/2022	13:15
6	CAL6	0.5	1	100	100	7.50	2.34	0.000	0.385	0.385	0.499	0.2	01/18/2022	13:16
7	CAL7	1	1	100	100	7.44	2.28	0.000	0.770	0.770	1.000	0	01/18/2022	13:17

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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	2.34	0.000	0.382	0.382	0.495	01/18/2022	13:20
2	ICB		1	100	100	7.58	2.14	0.000	0.002	0.002	0.001	01/18/2022	13:21
3	CCV1	0.5	1	100	100	7.34	2.25	0.000	0.380	0.380	0.493	01/18/2022	13:22
4	CCB1		1	100	100	7.27	1.88	0.000	0.001	0.001	-0.001	01/18/2022	13:23
5	RL Check	0.01	1	100	100	7.15	1.71	0.000	0.010	0.010	0.011	01/18/2022	13:25
6	PB142104BL		1	2.50	100	7.25	1.92	0.000	0.002	0.002	0.001	01/18/2022	13:26
7	PB142104BS	20	1	2.50	100	7.34	1.79	0.000	0.357	0.357	0.463	01/18/2022	13:27
8	N1154-01		1	2.53	100	7.18	1.92	0.067	0.069	0.002	0.001	01/18/2022	13:28
9	N1154-02		1	2.52	100	7.36	1.85	0.064	0.065	0.001	-0.001	01/18/2022	13:29
10	N1165-01		1	2.51	100	7.14	2.09	0.040	0.042	0.002	0.001	01/18/2022	13:30
11	N1165-01DU		1	2.53	100	7.28	2.14	0.039	0.040	0.001	-0.001	01/18/2022	13:31
12	N1165-01MS	40	2	2.54	100	7.28	2.34	0.037	0.152	0.115	0.148	01/18/2022	13:32
13	N1165-01MS	1284	40	2.56	100	7.34	2.25	0.032	0.629	0.597	0.775	01/18/2022	13:35
14	N1165-01MS	40	2	2.55	100	7.18	1.79	0.036	0.197	0.161	0.208	01/18/2022	13:36
15	CCV2	0.5	1	100	100	7.28	1.95	0.000	0.378	0.378	0.490	01/18/2022	13:37
16	CCB2		1	100	100	7.34	2.30	0.000	0.001	0.001	-0.001	01/18/2022	13:38