

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB118799

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: 0.0019

Slope: 0.7678

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	7.30	2.25	0.000	0.002	0.002	0.000		02/23/2022	13:50
2	CAL2	0.01	1	100	100	7.18	2.15	0.000	0.009	0.009	0.009	10	02/23/2022	13:51
3	CAL3	0.025	1	100	100	7.25	2.34	0.000	0.021	0.021	0.024	4	02/23/2022	13:52
4	CAL4	0.05	1	100	100	7.45	1.88	0.000	0.040	0.040	0.049	2	02/23/2022	13:53
5	CAL5	0.1	1	100	100	7.62	1.74	0.000	0.080	0.080	0.101	-1	02/23/2022	13:54
6	CAL6	0.5	1	100	100	7.50	1.95	0.000	0.385	0.385	0.498	0.4	02/23/2022	13:55
7	CAL7	1	1	100	100	7.28	2.30	0.000	0.770	0.770	1.000	0	02/23/2022	13:56

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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	7.37	1.88	0.000	0.382	0.382	0.495	02/23/2022	14:00
2	ICB		1	100	100	7.18	1.90	0.000	0.002	0.002	0.000	02/23/2022	14:01
3	CCV1	0.5	1	100	100	7.28	1.75	0.000	0.381	0.381	0.494	02/23/2022	14:02
4	CCB1		1	100	100	7.52	2.30	0.000	0.002	0.002	0.000	02/23/2022	14:03
5	RL Check	0.01	1	100	100	7.61	2.19	0.000	0.010	0.010	0.011	02/23/2022	14:05
6	PB142881BL		1	2.50	100	7.74	2.20	0.000	0.002	0.002	0.000	02/23/2022	14:06
7	PB142881BS	20	1	2.50	100	7.42	2.34	0.000	0.356	0.356	0.461	02/23/2022	14:10
8	N1628-01		1	2.53	100	7.62	2.19	0.009	0.025	0.016	0.018	02/23/2022	14:12
9	N1628-01DU		1	2.52	100	7.58	2.25	0.008	0.024	0.016	0.018	02/23/2022	14:13
10	N1628-01MS	40	2	2.55	100	7.34	1.88	0.007	0.100	0.093	0.119	02/23/2022	14:15
11	N1628-01MS	1284	40	2.56	100	7.19	1.74	0.003	0.628	0.625	0.812	02/23/2022	14:16
12	N1628-01MS	40	2	2.54	100	7.25	1.96	0.006	0.263	0.257	0.332	02/23/2022	14:17
13	N1633-01		1	2.56	100	7.36	1.92	0.024	0.025	0.001	-0.001	02/23/2022	14:18
14	N1633-02		1	2.58	100	7.15	2.18	0.055	0.056	0.001	-0.001	02/23/2022	14:19
15	N1633-03		1	2.57	100	7.25	2.34	0.021	0.022	0.001	-0.001	02/23/2022	14:20
16	CCV2	0.5	1	100	100	7.34	2.28	0.000	0.380	0.380	0.492	02/23/2022	14:21
17	CCB2		1	100	100	7.14	1.79	0.000	0.001	0.001	-0.001	02/23/2022	14:22