

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB116848

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP93463
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
Hexchrome Cleaning Solution	WP92841

Intercept: 0.0013

Slope: 0.7645

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	7.10	2.08	0.000	0.002	0.002	0.000		10/15/2021	11:40
2	CAL2	0.01	1	100	100	7.35	2.16	0.000	0.008	0.008	0.008	20	10/15/2021	11:41
3	CAL3	0.025	1	100	100	7.24	2.34	0.000	0.020	0.020	0.024	4	10/15/2021	11:42
4	CAL4	0.05	1	100	100	7.18	1.98	0.000	0.039	0.039	0.049	2	10/15/2021	11:43
5	CAL5	0.1	1	100	100	7.34	1.78	0.000	0.078	0.078	0.100	0	10/15/2021	11:44
6	CAL6	0.5	1	100	100	7.25	1.85	0.000	0.385	0.385	0.501	-0.2	10/15/2021	11:45
7	CAL7	1	1	100	100	7.30	1.72	0.000	0.765	0.765	0.998	0.2	10/15/2021	11:46

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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	7.18	2.15	0.000	0.381	0.381	0.497	10/15/2021	11:50
2	ICB		1	100	100	7.28	2.36	0.000	0.001	0.001	0.000	10/15/2021	11:51
3	CCV1	0.5	1	100	100	7.34	2.25	0.000	0.379	0.379	0.494	10/15/2021	11:52
4	CCB1		1	100	100	7.40	1.98	0.000	0.002	0.002	0.001	10/15/2021	11:53
5	RL Check	0.01	1	100	100	7.65	1.75	0.000	0.010	0.010	0.011	10/15/2021	11:54
6	PB139879BL		1	2.50	100	7.74	1.85	0.000	0.002	0.002	0.001	10/15/2021	11:55
7	PB139879BS	20	1	2.50	100	7.58	2.08	0.002	0.355	0.353	0.460	10/15/2021	11:56
8	M4180-01		1	2.53	100	7.67	2.35	0.037	0.039	0.002	0.001	10/15/2021	11:57
9	M4180-01DU		1	2.52	100	7.48	2.41	0.036	0.038	0.002	0.001	10/15/2021	11:58
10	M4180-01MS	40	2	2.51	100	7.52	2.30	0.034	0.089	0.055	0.070	10/15/2021	11:59
11	M4180-01MS	1284	40	2.53	100	7.80	2.16	0.030	0.632	0.602	0.786	10/15/2021	12:00
12	M4180-01MS	40	2	2.54	100	7.34	2.25	0.033	0.117	0.084	0.108	10/15/2021	12:01
13	M4191-01		1	2.56	100	7.45	1.88	0.030	0.031	0.001	0.000	10/15/2021	12:02
14	M4191-02		1	2.53	100	7.62	1.74	0.031	0.032	0.001	0.000	10/15/2021	12:03
15	M4191-03		1	2.55	100	7.49	1.95	0.051	0.053	0.002	0.001	10/15/2021	12:04
16	CCV2	0.5	1	100	100	7.50	1.80	0.000	0.381	0.381	0.497	10/15/2021	12:05
17	CCB2		1	100	100	7.48	2.08	0.000	0.001	0.001	0.000	10/15/2021	12:06
18	M4195-01		1	2.54	100	7.57	2.14	0.021	0.022	0.001	0.000	10/15/2021	12:07
19	M4222-01		1	2.57	100	7.34	2.34	0.030	0.032	0.002	0.001	10/15/2021	12:08
20	CCV3	0.5	1	100	100	7.27	2.28	0.000	0.379	0.379	0.494	10/15/2021	12:09
21	CCB3		1	100	100	7.41	2.10	0.000	0.001	0.001	0.000	10/15/2021	12:10