



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB116462

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP93029
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
Hexchrome Cleaning Solution	WP92841

Intercept: -0.0003

Slope: 0.7825

Regression: 0.999956

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	7.25	2.08	0.000	0.001	0.001	0.001		09/23/2021	10:45
2	CAL2	0.01	1	100	100	7.18	1.98	0.000	0.008	0.008	0.010	0	09/23/2021	10:46
3	CAL3	0.025	1	100	100	7.30	1.78	0.000	0.020	0.020	0.025	0	09/23/2021	10:47
4	CAL4	0.05	1	100	100	7.40	1.85	0.000	0.039	0.039	0.050	0	09/23/2021	10:48
5	CAL5	0.1	1	100	100	7.62	2.10	0.000	0.078	0.078	0.100	0	09/23/2021	10:49
6	CAL6	0.5	1	100	100	7.51	2.35	0.000	0.385	0.385	0.492	1.6	09/23/2021	10:50
7	CAL7	1	1	100	100	7.80	2.25	0.000	0.785	0.785	1.003	-0.3	09/23/2021	10:52



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Run Number: LB116462

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	7.74	2.34	0.000	0.381	0.381	0.487	09/23/2021	10:55
2	ICB		1	100	100	7.34	2.15	0.000	0.002	0.002	0.003	09/23/2021	10:56
3	CCV1	0.5	1	100	100	7.15	2.28	0.000	0.379	0.379	0.485	09/23/2021	10:57
4	CCB1		1	100	100	7.20	1.98	0.000	0.001	0.001	0.002	09/23/2021	10:58
5	RL Check	0.01	1	100	100	7.34	1.75	0.000	0.010	0.010	0.013	09/23/2021	10:59
6	PB139293BL		1	2.50	100	7.27	1.80	0.000	0.001	0.001	0.002	09/23/2021	11:00
7	PB139293BS	20	1	2.50	100	7.34	2.08	0.000	0.354	0.354	0.453	09/23/2021	11:02
8	M3860-02		1	2.53	100	7.41	1.88	0.057	0.059	0.002	0.003	09/23/2021	11:03
9	M3860-02DU		1	2.52	100	7.37	1.96	0.056	0.058	0.002	0.003	09/23/2021	11:04
10	M3860-02MS	40	2	2.51	100	7.28	1.74	0.053	0.180	0.127	0.163	09/23/2021	11:05
11	M3860-02MS	1284	40	2.53	100	7.34	2.34	0.050	0.632	0.582	0.744	09/23/2021	11:06
12	M3860-02MS	40	2	2.54	100	7.28	2.28	0.054	0.254	0.200	0.256	09/23/2021	11:07
13	M3870-01		1	2.56	100	7.37	2.10	0.043	0.044	0.001	0.002	09/23/2021	11:08
14	M3872-01		1	2.58	100	7.40	2.40	0.078	0.080	0.002	0.003	09/23/2021	11:09
15	M3886-01		1	2.57	100	7.28	2.07	0.025	0.026	0.001	0.002	09/23/2021	11:10
16	CCV2	0.5	1	100	100	7.34	2.30	0.000	0.382	0.382	0.489	09/23/2021	11:11
17	CCB2		1	100	100	7.18	2.16	0.000	0.001	0.001	0.002	09/23/2021	11:12
18	M3886-02		1	2.55	100	7.28	2.18	0.033	0.034	0.001	0.002	09/23/2021	11:13
19	CCV3	0.5	1	100	100	7.30	2.34	0.000	0.379	0.379	0.485	09/23/2021	11:14
20	CCB3		1	100	100	7.44	2.18	0.000	0.001	0.001	0.002	09/23/2021	11:15