



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB116180

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP92818
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
Hexchrome Cleaning Solution	WP89916

Intercept: 0.0012

Slope: 0.7642

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	2.18	0.000	0.002	0.002	0.001		09/08/2021	12:05
2	CAL2	0.01	1	100	100	7.30	2.34	0.000	0.008	0.008	0.008	20	09/08/2021	12:06
3	CAL3	0.025	1	100	100	7.25	2.25	0.000	0.020	0.020	0.024	4	09/08/2021	12:07
4	CAL4	0.05	1	100	100	7.43	2.10	0.000	0.039	0.039	0.049	2	09/08/2021	12:08
5	CAL5	0.1	1	100	100	7.62	2.41	0.000	0.078	0.078	0.100	0	09/08/2021	12:10
6	CAL6	0.5	1	100	100	7.52	2.30	0.000	0.384	0.384	0.500	0	09/08/2021	12:12
7	CAL7	1	1	100	100	7.74	2.18	0.000	0.765	0.765	0.999	0.1	09/08/2021	12:13

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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	7.82	2.16	0.000	0.380	0.380	0.496	09/08/2021	12:15
2	ICB		1	100	100	7.41	2.34	0.000	0.001	0.001	0.000	09/08/2021	12:16
3	CCV1	0.5	1	100	100	7.62	2.28	0.000	0.382	0.382	0.498	09/08/2021	12:17
4	CCB1		1	100	100	7.50	1.79	0.000	0.002	0.002	0.001	09/08/2021	12:18
5	RL Check	0.01	1	100	100	7.28	1.95	0.000	0.010	0.010	0.012	09/08/2021	12:20
6	PB138955BL		1	2.50	100	7.34	1.82	0.000	0.001	0.001	0.000	09/08/2021	12:21
7	PB138955BS	20	1	2.50	100	7.58	2.09	0.002	0.354	0.352	0.459	09/08/2021	12:25
8	M3648-01		1	2.53	100	7.43	2.15	0.032	0.033	0.001	0.000	09/08/2021	12:26
9	M3648-01DU		1	2.52	100	7.27	2.34	0.033	0.034	0.001	0.000	09/08/2021	12:27
10	M3648-01MS	40	2	2.51	100	7.34	2.28	0.028	0.052	0.024	0.030	09/08/2021	12:30
11	M3648-01MS	1284	40	2.53	100	7.20	2.05	0.025	0.632	0.607	0.793	09/08/2021	12:32
12	M3648-01MS	40	2	2.50	100	7.19	1.74	0.027	0.075	0.048	0.061	09/08/2021	12:33
13	M3648-02		1	2.51	100	7.62	1.96	0.060	0.062	0.002	0.001	09/08/2021	12:35
14	M3648-03		1	2.52	100	7.09	1.82	0.072	0.073	0.001	0.000	09/08/2021	12:36
15	M3648-04		1	2.55	100	7.41	2.34	0.080	0.081	0.001	0.000	09/08/2021	12:37
16	CCV2	0.5	1	100	100	7.28	2.16	0.000	0.379	0.379	0.494	09/08/2021	12:38
17	CCB2		1	100	100	7.37	2.07	0.000	0.001	0.001	0.000	09/08/2021	12:38