



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB117566

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP94110
5N sulfuric acid	WP93692
HNO3 Hex-Chrome, 5M	WP93691
Hexchrome Cleaning Solution	WP92841

Intercept: 0.0011

Slope: 0.7687

Regression: 0.999999

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	2.08	0.000	0.001	0.001	-0.00		11/29/2021	15:15
2	CAL2	0.01	1	100	100	7.35	2.35	0.000	0.009	0.009	0.010	0	11/29/2021	15:16
3	CAL3	0.025	1	100	100	7.22	2.14	0.000	0.020	0.020	0.024	4	11/29/2021	15:17
4	CAL4	0.05	1	100	100	7.65	1.88	0.000	0.040	0.040	0.050	0	11/29/2021	15:18
5	CAL5	0.1	1	100	100	7.42	1.95	0.000	0.078	0.078	0.100	0	11/29/2021	15:19
6	CAL6	0.5	1	100	100	7.58	1.74	0.000	0.385	0.385	0.499	0.2	11/29/2021	15:20
7	CAL7	1	1	100	100	7.74	2.08	0.000	0.770	0.770	1.000	0	11/29/2021	15:21

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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	7.63	2.30	0.000	0.382	0.382	0.496	11/29/2021	15:25
2	ICB		1	100	100	7.28	2.18	0.000	0.002	0.002	0.001	11/29/2021	15:26
3	CCV1	0.5	1	100	100	7.19	2.25	0.000	0.379	0.379	0.492	11/29/2021	15:27
4	CCB1		1	100	100	7.20	2.40	0.000	0.002	0.002	0.001	11/29/2021	15:28
5	RL Check	0.01	1	100	100	7.37	1.88	0.000	0.010	0.010	0.012	11/29/2021	15:30
6	PB141009BL		1	2.50	100	7.18	1.75	0.000	0.001	0.001	0.000	11/29/2021	15:31
7	PB141009BS	20	1	2.50	100	7.20	1.95	0.000	0.352	0.352	0.456	11/29/2021	15:32
8	M4812-01		1	2.53	100	7.34	2.08	0.052	0.054	0.002	0.001	11/29/2021	15:35
9	M4818-01		1	2.56	100	7.28	1.88	0.025	0.026	0.001	0.000	11/29/2021	15:36
10	M4818-01DU		1	2.55	100	7.34	1.75	0.024	0.025	0.001	0.000	11/29/2021	15:37
11	M4818-01MS	40	2	2.53	100	7.18	1.95	0.020	0.351	0.331	0.429	11/29/2021	15:38
12	M4818-01MS	1284	40	2.54	100	7.35	2.08	0.017	0.630	0.613	0.796	11/29/2021	15:40
13	M4818-01MS	40	2	2.56	100	7.18	1.74	0.022	0.382	0.360	0.467	11/29/2021	15:42
14	CCV2	0.5	1	100	100	7.35	1.96	0.000	0.378	0.378	0.490	11/29/2021	15:43
15	CCB2		1	100	100	7.29	1.85	0.000	0.002	0.002	0.001	11/29/2021	15:45