



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB117076

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP93595
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
Hexchrome Cleaning Solution	WP92841

Intercept: 0.0007

Slope: 0.7692

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	0.000		10/28/2021	15:32
2	CAL2	0.01	1	100	100	7.34	1.98	0.000	0.008	0.008	0.009	10	10/28/2021	15:33
3	CAL3	0.025	1	100	100	7.27	1.78	0.000	0.020	0.020	0.025	0	10/28/2021	15:35
4	CAL4	0.05	1	100	100	7.08	1.85	0.000	0.039	0.039	0.049	2	10/28/2021	15:36
5	CAL5	0.1	1	100	100	7.41	2.14	0.000	0.078	0.078	0.100	0	10/28/2021	15:37
6	CAL6	0.5	1	100	100	7.62	2.30	0.000	0.385	0.385	0.499	0.2	10/28/2021	15:38
7	CAL7	1	1	100	100	7.52	2.25	0.000	0.770	0.770	1.000	0	10/28/2021	15:40

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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	7.35	2.10	0.000	0.379	0.379	0.492	10/28/2021	15:45
2	ICB		1	100	100	7.52	1.88	0.000	0.002	0.002	0.002	10/28/2021	15:46
3	CCV1	0.5	1	100	100	7.62	1.90	0.000	0.381	0.381	0.494	10/28/2021	15:47
4	CCB1		1	100	100	7.41	1.75	0.000	0.002	0.002	0.002	10/28/2021	15:48
5	RL Check	0.01	1	100	100	7.62	2.08	0.000	0.010	0.010	0.012	10/28/2021	15:49
6	PB140287BL		1	2.50	100	7.52	1.74	0.000	0.001	0.001	0.000	10/28/2021	15:50
7	PB140287BS	20	1	2.50	100	7.40	1.95	0.003	0.353	0.350	0.454	10/28/2021	15:52
8	M4298-04		1	2.53	100	7.34	1.85	0.051	0.053	0.002	0.002	10/28/2021	15:55
9	M4298-04DU		1	2.52	100	7.28	2.09	0.050	0.052	0.002	0.002	10/28/2021	15:56
10	M4298-04MS	40	2	2.51	100	7.16	2.34	0.048	0.153	0.105	0.136	10/28/2021	15:58
11	M4298-04MS	1284	40	2.53	100	7.09	2.41	0.040	0.630	0.590	0.766	10/28/2021	15:59
12	M4298-04MS	40	2	2.54	100	7.10	2.18	0.047	0.205	0.158	0.204	10/28/2021	16:00
13	M4386-07		1	2.50	100	7.34	2.34	0.015	1.188	1.173	1.524	10/28/2021	16:02
14	M4395-01		1	2.55	100	7.28	1.78	0.010	0.011	0.001	0.000	10/28/2021	16:05
15	M4395-04		1	2.56	100	7.14	1.95	0.018	0.018	0.000	-0.001	10/28/2021	16:07
16	CCV2	0.5	1	100	100	7.34	1.85	0.000	0.380	0.380	0.493	10/28/2021	16:10
17	CCB2		1	100	100	7.24	2.08	0.000	0.002	0.002	0.002	10/28/2021	16:11
18	M4395-07		1	2.55	100	7.31	2.10	0.038	0.040	0.002	0.002	10/28/2021	16:12
19	M4395-10		1	2.54	100	7.27	2.34	0.045	0.046	0.001	0.000	10/28/2021	16:13
20	M4386-07		5	2.50	100	7.34	2.34	0.001	0.201	0.200	0.259	10/28/2021	16:15
21	CCV3	0.5	1	100	100	7.30	2.41	0.000	0.377	0.377	0.489	10/28/2021	16:16
22	CCB3		1	100	100	7.14	2.30	0.000	0.002	0.002	0.002	10/28/2021	16:18