

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB117219

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP93697
5N sulfuric acid	WP93692
HNO3 Hex-Chrome, 5M	WP93691
Hexchrome Cleaning Solution	WP92841

Intercept: 0.0011

Slope: 0.7686

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	7.10	2.08	0.000	0.002	0.002	0.001		11/07/2021	13:15
2	CAL2	0.01	1	100	100	7.35	1.98	0.000	0.009	0.009	0.010	0	11/07/2021	13:16
3	CAL3	0.025	1	100	100	7.20	1.74	0.000	0.020	0.020	0.024	4	11/07/2021	13:17
4	CAL4	0.05	1	100	100	7.46	1.85	0.000	0.039	0.039	0.049	2	11/07/2021	13:18
5	CAL5	0.1	1	100	100	7.62	2.10	0.000	0.078	0.078	0.100	0	11/07/2021	13:19
6	CAL6	0.5	1	100	100	7.52	2.35	0.000	0.385	0.385	0.499	0.2	11/07/2021	13:20
7	CAL7	1	1	100	100	7.74	2.20	0.000	0.770	0.770	1.000	0	11/07/2021	13:21

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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	7.85	2.09	0.000	0.382	0.382	0.496	11/07/2021	13:25
2	ICB		1	100	100	7.62	1.88	0.000	0.001	0.001	0.000	11/07/2021	13:26
3	CCV1	0.5	1	100	100	7.43	1.74	0.000	0.378	0.378	0.490	11/07/2021	13:27
4	CCB1		1	100	100	7.34	1.95	0.000	0.001	0.001	0.000	11/07/2021	13:28
5	RL Check	0.01	1	100	100	7.18	2.30	0.000	0.010	0.010	0.012	11/07/2021	13:29
6	PB140569BL		1	2.50	100	7.09	2.28	0.000	0.002	0.002	0.001	11/07/2021	13:30
7	PB140569BS	20	1	2.50	100	7.17	2.14	0.003	0.353	0.350	0.454	11/07/2021	13:32
8	M4497-01		1	2.53	100	7.34	2.19	0.042	0.043	0.001	0.000	11/07/2021	13:35
9	M4497-01DU		1	2.52	100	7.52	2.20	0.041	0.043	0.002	0.001	11/07/2021	13:36
10	M4497-01MS	40	2	2.51	100	7.34	2.35	0.037	0.185	0.148	0.191	11/07/2021	13:37
11	M4497-01MS	1284	40	2.53	100	7.41	2.18	0.035	0.630	0.595	0.773	11/07/2021	13:38
12	M4497-01MS	40	2	2.50	100	7.58	2.25	0.038	0.225	0.187	0.242	11/07/2021	13:40
13	M4497-04		1	2.56	100	7.74	2.35	0.032	0.033	0.001	0.000	11/07/2021	13:42
14	M4497-07		1	2.55	100	7.28	2.14	0.050	0.052	0.002	0.001	11/07/2021	13:44
15	M4498-01		1	2.56	100	7.17	2.34	0.029	0.030	0.001	0.000	11/07/2021	13:45
16	CCV2	0.5	1	100	100	7.35	2.20	0.002	0.380	0.378	0.490	11/07/2021	13:46
17	CCB2		1	100	100	7.28	2.15	0.000	0.002	0.002	0.001	11/07/2021	13:47
18	M4498-04		1	2.53	100	7.27	2.34	0.052	0.054	0.002	0.001	11/07/2021	13:48
19	M4498-07		1	2.57	100	7.34	2.25	0.038	0.040	0.002	0.001	11/07/2021	13:49
20	M4500-01		1	2.55	100	7.49	1.74	0.041	0.042	0.001	0.000	11/07/2021	13:50
21	M4500-03		1	2.54	100	7.62	1.85	0.027	0.028	0.001	0.000	11/07/2021	13:51
22	M4501-01		1	2.53	100	7.28	1.90	0.034	0.035	0.001	0.000	11/07/2021	13:52
23	M4537-01		1	2.57	100	7.30	2.08	0.021	0.022	0.001	0.000	11/07/2021	13:53
24	M4541-01		1	2.58	100	7.18	2.14	0.036	0.037	0.001	0.000	11/07/2021	13:54
25	CCV3	0.5	1	100	100	7.28	2.34	0.000	0.378	0.378	0.490	11/07/2021	13:55
26	CCB3		1	100	100	7.27	2.20	0.000	0.001	0.001	0.000	11/07/2021	13:56