



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB118040

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP94584
5N sulfuric acid	WP93692
HNO3 Hex-Chrome, 5M	WP93691
Hexchrome Cleaning Solution	WP92841

Intercept: 0.0014

Slope: 0.7692

Regression: 0.999994

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	7.18	2.08	0.000	0.002	0.002	0.000		01/01/2022	12:40
2	CAL2	0.01	1	100	100	7.36	1.88	0.000	0.008	0.008	0.008	20	01/01/2022	12:41
3	CAL3	0.025	1	100	100	7.28	1.79	0.000	0.020	0.020	0.024	4	01/01/2022	12:42
4	CAL4	0.05	1	100	100	7.18	1.95	0.000	0.040	0.040	0.050	0	01/01/2022	12:43
5	CAL5	0.1	1	100	100	7.20	2.15	0.000	0.080	0.080	0.102	-2	01/01/2022	12:44
6	CAL6	0.5	1	100	100	7.45	2.30	0.000	0.385	0.385	0.498	0.4	01/01/2022	12:45
7	CAL7	1	1	100	100	7.56	2.28	0.000	0.771	0.771	1.000	0	01/01/2022	12:46

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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	7.62	2.30	0.000	0.379	0.379	0.491	01/01/2022	12:50
2	ICB		1	100	100	7.34	2.15	0.000	0.001	0.001	-0.001	01/01/2022	12:51
3	CCV1	0.5	1	100	100	7.18	2.08	0.000	0.370	0.370	0.479	01/01/2022	15:02
4	CCB1		1	100	100	7.28	1.88	0.000	0.002	0.002	0.001	01/01/2022	15:03
5	RL Check	0.01	1	100	100	7.34	1.79	0.000	0.010	0.010	0.011	01/01/2022	15:04
6	PB141790BL		1	2.50	100	7.18	1.95	0.000	0.001	0.001	-0.001	01/01/2022	15:05
7	PB141790BS	20	1	2.50	100	7.37	2.30	0.001	0.355	0.354	0.458	01/01/2022	15:06
8	M5340-01		1	2.57	100	7.15	2.15	0.006	0.006	0.000	-0.002	01/01/2022	15:07
9	M5342-01		1	2.55	100	7.28	2.25	0.025	0.026	0.001	-0.001	01/01/2022	15:10
10	M5342-01DU		1	2.53	100	7.34	2.35	0.024	0.026	0.002	0.001	01/01/2022	15:11
11	M5342-01MS	40	2	2.56	100	7.15	2.40	0.022	0.122	0.100	0.128	01/01/2022	15:12
12	M5342-01MS	1284	40	2.54	100	7.28	2.16	0.018	0.630	0.612	0.794	01/01/2022	15:13
13	M5342-01MS	40	2	2.55	100	7.45	2.34	0.023	0.176	0.153	0.197	01/01/2022	15:15
14	M5342-02		1	2.58	100	7.50	2.20	0.012	0.016	0.004	0.003	01/01/2022	15:16
15	M5342-03		1	2.59	100	7.62	1.78	0.033	0.034	0.001	-0.001	01/01/2022	15:17
16	CCV2	0.5	1	100	100	7.55	1.95	0.000	0.378	0.378	0.490	01/01/2022	15:18
17	CCB2		1	100	100	7.48	1.82	0.000	0.002	0.002	0.001	01/01/2022	15:19
18	M5342-04		1	2.57	100	7.62	1.88	0.017	0.018	0.001	-0.001	01/01/2022	15:20
19	M5342-05		1	2.55	100	7.34	1.96	0.037	0.039	0.002	0.001	01/01/2022	15:21
20	M5342-06		1	2.56	100	7.18	1.74	0.017	0.021	0.004	0.003	01/01/2022	15:22
21	M5342-07		1	2.54	100	7.28	2.09	0.017	0.017	0.000	-0.002	01/01/2022	15:23
22	M5342-08		1	2.53	100	7.30	2.10	0.010	0.010	0.000	-0.002	01/01/2022	15:25
23	M5342-09		1	2.57	100	7.14	2.34	0.015	0.016	0.001	-0.001	01/01/2022	15:26
24	M5342-10		1	2.59	100	7.25	2.25	0.003	0.014	0.011	0.012	01/01/2022	15:27
25	M5342-11		1	2.58	100	7.38	1.75	0.015	0.015	0.000	-0.002	01/01/2022	15:28
26	M5342-12		1	2.56	100	7.41	1.96	0.011	0.016	0.005	0.005	01/01/2022	15:29
27	CCV3	0.5	1	100	100	7.38	2.30	0.000	0.377	0.377	0.488	01/01/2022	15:30
28	CCB3		1	100	100	7.29	2.14	0.000	0.001	0.001	-0.001	01/01/2022	15:30