

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB118121

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP94677
5N sulfuric acid	WP93692
HNO3 Hex-Chrome, 5M	WP93691
Hexchrome Cleaning Solution	WP92841

Intercept: 0.0017

Slope: 0.7681

Regression: 0.999997

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		01/07/2022	14:40
2	CAL2	0.01	1	100	100	7.35	1.88	0.000	0.009	0.009	0.009	10	01/07/2022	14:41
3	CAL3	0.025	1	100	100	7.20	1.74	0.000	0.021	0.021	0.025	0	01/07/2022	14:42
4	CAL4	0.05	1	100	100	7.45	1.95	0.000	0.040	0.040	0.049	2	01/07/2022	14:43
5	CAL5	0.1	1	100	100	7.62	2.30	0.000	0.080	0.080	0.101	-1	01/07/2022	14:45
6	CAL6	0.5	1	100	100	7.52	2.15	0.000	0.385	0.385	0.499	0.2	01/07/2022	14:46
7	CAL7	1	1	100	100	7.62	2.20	0.000	0.770	0.770	1.000	0	01/07/2022	14:50

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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	7.74	2.09	0.000	0.380	0.380	0.493	01/07/2022	14:55
2	ICB		1	100	100	7.28	1.78	0.000	0.002	0.002	0.000	01/07/2022	14:56
3	CCV1	0.5	1	100	100	7.30	1.95	0.000	0.378	0.378	0.490	01/07/2022	14:58
4	CCB1		1	100	100	7.18	2.08	0.000	0.002	0.002	0.000	01/07/2022	14:59
5	RL Check	0.01	1	100	100	7.28	1.98	0.000	0.010	0.010	0.011	01/07/2022	15:00
6	PB141878BL		1	2.50	100	7.39	1.75	0.000	0.001	0.001	-0.001	01/07/2022	15:02
7	PB141878BS	20	1	2.50	100	7.15	1.82	0.002	0.352	0.350	0.453	01/07/2022	15:03
8	N1038-01		1	2.53	100	7.29	2.09	0.018	0.019	0.001	-0.001	01/07/2022	15:05
9	N1038-01DU		1	2.52	100	7.09	1.73	0.019	0.020	0.001	-0.001	01/07/2022	15:06
10	N1038-01MS	40	2	2.51	100	7.26	2.35	0.015	0.351	0.336	0.435	01/07/2022	15:07
11	N1038-01MS	1284	40	2.53	100	7.37	2.28	0.012	0.628	0.616	0.800	01/07/2022	15:08
12	N1038-01MS	40	2	2.54	100	7.34	2.10	0.014	0.398	0.384	0.498	01/07/2022	15:09
13	N1047-01		1	2.56	100	7.19	1.88	0.030	0.031	0.001	-0.001	01/07/2022	15:10
14	N1047-03		1	2.55	100	7.34	1.96	0.027	0.028	0.001	-0.001	01/07/2022	15:12
15	N1047-04		1	2.56	100	7.28	1.75	0.030	0.031	0.001	-0.001	01/07/2022	15:15
16	CCV2	0.5	1	100	100	7.18	2.05	0.000	0.379	0.379	0.491	01/07/2022	15:16
17	CCB2		1	100	100	7.23	1.92	0.000	0.001	0.001	-0.001	01/07/2022	15:17
18	N1049-01		1	2.54	100	7.15	1.70	0.020	0.020	0.000	-0.002	01/07/2022	15:18
19	N1049-03		1	2.57	100	7.62	2.15	0.019	0.020	0.001	-0.001	01/07/2022	15:20
20	N1049-05		1	2.55	100	7.49	2.32	0.015	0.015	0.000	-0.002	01/07/2022	15:21
21	N1052-01		1	2.54	100	7.52	1.86	0.035	0.036	0.001	-0.001	01/07/2022	15:22
22	N1068-01		1	2.55	100	7.80	1.71	0.037	0.039	0.002	0.000	01/07/2022	15:23
23	N1071-01		1	2.58	100	7.73	1.93	0.033	0.034	0.001	-0.001	01/07/2022	15:24
24	N1071-02		1	2.59	100	7.42	2.18	0.029	0.031	0.002	0.000	01/07/2022	15:25
25	N1071-03		1	2.54	100	7.62	2.34	0.025	0.026	0.001	-0.001	01/07/2022	15:27
26	CCV3	0.5	1	100	100	7.58	2.42	0.000	0.377	0.377	0.489	01/07/2022	15:28
27	CCB3		1	100	100	7.37	2.19	0.000	0.002	0.002	0.000	01/07/2022	15:30