



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: mohammad

Run Number: LB121002

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP97820
5N sulfuric acid	WP96514
HNO3 Hex-Chrome, 5M	WP96513
Hexchrome Cleaning Solution	WP95568

Intercept: 0.0018

Slope: 0.7639

Regression: 0.999992

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	7.50	2.08	0.000	0.002	0.002	0.000		07/11/2022	12:05
2	CAL2	0.01	1	100	100	7.62	1.88	0.000	0.008	0.008	0.008	20	07/11/2022	12:06
3	CAL3	0.025	1	100	100	7.45	1.79	0.000	0.020	0.020	0.023	8	07/11/2022	12:07
4	CAL4	0.05	1	100	100	7.34	1.95	0.000	0.040	0.040	0.050	0	07/11/2022	12:08
5	CAL5	0.1	1	100	100	7.19	2.30	0.000	0.080	0.080	0.102	-2	07/11/2022	12:09
6	CAL6	0.5	1	100	100	7.28	2.15	0.000	0.385	0.385	0.501	-0.2	07/11/2022	12:10
7	CAL7	1	1	100	100	7.05	2.25	0.000	0.765	0.765	0.999	0.1	07/11/2022	12:11

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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	7.68	2.15	0.000	0.382	0.382	0.498	07/11/2022	12:15
2	ICB		1	100	100	7.70	2.30	0.000	0.001	0.001	-0.001	07/11/2022	12:16
3	CCV1	0.5	1	100	100	7.34	2.28	0.000	0.382	0.382	0.498	07/11/2022	12:17
4	CCB1		1	100	100	7.18	1.88	0.000	0.002	0.002	0.000	07/11/2022	12:18
5	RL Check	0.01	1	100	100	7.25	1.74	0.000	0.010	0.010	0.011	07/11/2022	12:20
6	PB146094BL		1	2.50	100	7.34	1.95	0.000	0.002	0.002	0.000	07/11/2022	12:21
7	PB146094BS	20	1	2.50	100	7.18	2.30	0.000	0.356	0.356	0.464	07/11/2022	12:25
8	N3567-01		1	2.53	100	7.20	2.18	0.073	0.075	0.002	0.000	07/11/2022	12:26
9	N3605-01		1	2.52	100	7.28	1.74	0.021	0.022	0.001	-0.001	07/11/2022	12:27
10	N3605-01DU		1	2.51	100	7.34	1.92	0.020	0.022	0.002	0.000	07/11/2022	12:28
11	N3605-01MS	40	2	2.53	100	7.18	2.08	0.017	0.338	0.321	0.418	07/11/2022	12:29
12	N3605-01MS	1284	40	2.54	100	7.28	2.30	0.012	0.620	0.608	0.794	07/11/2022	12:30
13	N3605-01MS	40	2	2.51	100	7.30	2.15	0.015	0.365	0.350	0.456	07/11/2022	12:31
14	N3605-03		1	2.55	100	7.19	2.09	0.018	0.018	0.000	-0.002	07/11/2022	12:32
15	N3622-07		1	2.52	100	7.39	1.74	0.024	0.025	0.001	-0.001	07/11/2022	12:33
16	CCV2	0.5	1	100	100	7.18	1.95	0.000	0.377	0.377	0.491	07/11/2022	12:34
17	CCB2		1	100	100	7.28	2.35	0.000	0.002	0.002	0.000	07/11/2022	12:35
18	N3622-08		1	2.53	100	7.62	2.19	0.085	0.087	0.002	0.000	07/11/2022	12:36
19	N3622-09		1	2.57	100	7.46	2.05	0.052	0.053	0.001	-0.001	07/11/2022	12:37
20	N3622-10		1	2.55	100	7.28	1.74	0.078	0.080	0.002	0.000	07/11/2022	12:38
21	N3631-01		1	2.52	100	7.46	1.96	0.032	0.033	0.001	-0.001	07/11/2022	12:40
22	N3643-01		1	2.56	100	7.63	2.34	0.047	0.048	0.001	-0.001	07/11/2022	12:42
23	N3645-01		1	2.57	100	7.52	2.25	0.006	0.006	0.000	-0.002	07/11/2022	12:43
24	N3648-01		1	2.58	100	7.49	1.72	0.015	0.015	0.000	-0.002	07/11/2022	12:44
25	N3648-04		1	2.56	100	7.63	1.90	0.019	0.020	0.001	-0.001	07/11/2022	12:45
26	CCV3	0.5	1	100	100	7.74	1.82	0.000	0.377	0.377	0.491	07/11/2022	12:46
27	CCB3		1	100	100	7.28	2.40	0.000	0.001	0.001	-0.001	07/11/2022	12:48