

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: mohammad

Run Number: LB121122

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP97968
5N sulfuric acid	WP96514
HNO3 Hex-Chrome, 5M	WP96513
Hexchrome Cleaning Solution	WP95568

Intercept: 0.0016

Slope: 0.7638

Regression: 0.999996

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	7.25	2.05	0.000	0.002	0.002	0.000		07/18/2022	16:10
2	CAL2	0.01	1	100	100	7.19	1.88	0.000	0.008	0.008	0.008	20	07/18/2022	16:11
3	CAL3	0.025	1	100	100	7.34	1.79	0.000	0.020	0.020	0.024	4	07/18/2022	16:12
4	CAL4	0.05	1	100	100	7.28	1.95	0.000	0.040	0.040	0.050	0	07/18/2022	16:13
5	CAL5	0.1	1	100	100	7.46	2.30	0.000	0.079	0.079	0.101	-1	07/18/2022	16:14
6	CAL6	0.5	1	100	100	7.62	2.19	0.000	0.384	0.384	0.500	0	07/18/2022	16:15
7	CAL7	1	1	100	100	7.50	2.20	0.000	0.765	0.765	0.999	0.1	07/18/2022	16:16

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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	7.70	1.88	0.000	0.389	0.389	0.507	07/18/2022	16:20
2	ICB		1	100	100	7.62	1.79	0.000	0.001	0.001	-0.001	07/18/2022	16:21
3	CCV1	0.5	1	100	100	7.43	1.95	0.000	0.377	0.377	0.491	07/18/2022	16:25
4	CCB1		1	100	100	7.28	2.08	0.000	0.001	0.001	-0.001	07/18/2022	16:26
5	RL Check	0.01	1	100	100	7.19	2.34	0.000	0.010	0.010	0.011	07/18/2022	16:27
6	PB146251BL		1	2.50	100	7.08	2.19	0.000	0.002	0.002	0.001	07/18/2022	16:28
7	PB146251BS	20	1	2.50	100	7.36	2.25	0.000	0.355	0.355	0.463	07/18/2022	16:30
8	N3724-01		1	2.54	100	7.16	1.74	0.060	0.062	0.002	0.001	07/18/2022	16:31
9	N3724-01DU		1	2.56	100	7.25	1.96	0.061	0.063	0.002	0.001	07/18/2022	16:32
10	N3724-01MS	40	2	2.54	100	7.34	2.08	0.057	0.156	0.099	0.128	07/18/2022	16:35
11	N3724-01MS	1284	40	2.55	100	7.12	2.16	0.052	0.620	0.568	0.742	07/18/2022	16:36
12	N3724-01MS	40	2	2.56	100	7.32	1.76	0.056	0.190	0.134	0.173	07/18/2022	16:38
13	N3731-01		1	2.57	100	7.64	1.95	0.027	0.028	0.001	-0.001	07/18/2022	16:40
14	N3731-03		1	2.59	100	7.49	1.85	0.078	0.080	0.002	0.001	07/18/2022	16:42
15	CCV2	0.5	1	100	100	7.58	2.30	0.000	0.378	0.378	0.493	07/18/2022	16:43
16	CCB2		1	100	100	7.62	2.16	0.000	0.001	0.001	-0.001	07/18/2022	16:44