

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: mohammad

Run Number: LB121237

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP98084
5N sulfuric acid	WP96514
HNO3 Hex-Chrome, 5M	WP96513
Hexchrome Cleaning Solution	WP95568

Intercept: 0.0012

Slope: 0.7642

Regression: 0.999998

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	7.35	2.08	0.000	0.001	0.001	-0.00		07/27/2022	09:05
2	CAL2	0.01	1	100	100	7.45	2.35	0.000	0.008	0.008	0.008	20	07/27/2022	09:06
3	CAL3	0.025	1	100	100	7.19	2.15	0.000	0.020	0.020	0.024	4	07/27/2022	09:07
4	CAL4	0.05	1	100	100	7.28	2.25	0.000	0.040	0.040	0.050	0	07/27/2022	09:08
5	CAL5	0.1	1	100	100	7.62	1.89	0.000	0.078	0.078	0.100	0	07/27/2022	09:10
6	CAL6	0.5	1	100	100	7.46	1.74	0.000	0.384	0.384	0.500	0	07/27/2022	09:11
7	CAL7	1	1	100	100	7.58	1.82	0.000	0.765	0.765	0.999	0.1	07/27/2022	09:12

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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	7.63	2.06	0.000	0.382	0.382	0.498	07/27/2022	09:15
2	ICB		1	100	100	7.46	1.79	0.000	0.001	0.001	0.000	07/27/2022	09:16
3	CCV1	0.5	1	100	100	7.50	1.92	0.000	0.377	0.377	0.492	07/27/2022	09:17
4	CCB1		1	100	100	7.70	1.85	0.000	0.002	0.002	0.001	07/27/2022	09:18
5	RL Check	0.01	1	100	100	7.56	2.30	0.000	0.010	0.010	0.012	07/27/2022	09:19
6	PB146463BL		1	2.50	100	7.42	2.16	0.000	0.002	0.002	0.001	07/27/2022	09:20
7	PB146463BS	20	1	2.50	100	7.36	2.25	0.000	0.356	0.356	0.464	07/27/2022	09:21
8	N3776-01		1	2.53	100	7.43	2.26	0.036	0.037	0.001	0.000	07/27/2022	09:22
9	N3836-01		1	2.55	100	7.25	1.88	0.047	0.049	0.002	0.001	07/27/2022	09:23
10	N3836-01DU		1	2.52	100	7.34	1.79	0.046	0.048	0.002	0.001	07/27/2022	09:24
11	N3836-01MS	40	2	2.53	100	7.19	1.92	0.042	0.103	0.061	0.078	07/27/2022	09:25
12	N3836-01MS	1284	40	2.54	100	7.08	2.30	0.035	0.620	0.585	0.764	07/27/2022	09:26
13	N3836-01MS	40	2	2.51	100	7.36	2.15	0.040	0.175	0.135	0.175	07/27/2022	09:27
14	N3836-02		1	2.55	100	7.19	1.74	0.038	0.039	0.001	0.000	07/27/2022	09:28
15	N3857-01		1	2.52	100	7.25	1.83	0.032	0.032	0.000	-0.002	07/27/2022	09:29
16	CCV2	0.5	1	100	100	7.52	2.08	0.000	0.380	0.380	0.496	07/27/2022	09:30
17	CCB2		1	100	100	7.34	1.96	0.000	0.002	0.002	0.001	07/27/2022	09:31
18	N3857-02		1	2.58	100	7.15	2.06	0.012	0.012	0.000	-0.002	07/27/2022	09:32
19	N3888-01		1	2.56	100	7.28	2.34	0.030	0.030	0.000	-0.002	07/27/2022	09:33
20	N3906-01		1	2.59	100	7.65	2.40	0.013	0.013	0.000	-0.002	07/27/2022	09:34
21	CCV3	0.5	1	100	100	7.46	1.79	0.000	0.378	0.378	0.493	07/27/2022	09:35
22	CCB3		1	100	100	7.28	1.92	0.000	0.001	0.001	0.000	07/27/2022	09:35