

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: mohammad

Run Number: LB121164

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: 0.0018

Slope: 0.7639

Regression: 0.999993

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	2.05	0.000	0.001	0.001	-0.00		07/21/2022	12:35
2	CAL2	0.01	1	100	100	7.15	1.88	0.000	0.009	0.009	0.009	10	07/21/2022	12:36
3	CAL3	0.025	1	100	100	7.20	1.79	0.000	0.020	0.020	0.023	8	07/21/2022	12:37
4	CAL4	0.05	1	100	100	7.62	1.96	0.000	0.040	0.040	0.050	0	07/21/2022	12:38
5	CAL5	0.1	1	100	100	7.14	2.36	0.000	0.080	0.080	0.102	-2	07/21/2022	12:39
6	CAL6	0.5	1	100	100	7.08	2.15	0.000	0.385	0.385	0.501	-0.2	07/21/2022	12:40
7	CAL7	1	1	100	100	7.50	2.20	0.000	0.765	0.765	0.999	0.1	07/21/2022	12:41

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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	1.78	0.000	0.378	0.378	0.492	07/21/2022	12:45
2	ICB		1	100	100	7.46	1.95	0.000	0.002	0.002	0.000	07/21/2022	12:46
3	CCV1	0.5	1	100	100	7.28	1.82	0.000	0.377	0.377	0.491	07/21/2022	12:47
4	CCB1		1	100	100	7.19	2.08	0.000	0.001	0.001	-0.001	07/21/2022	12:48
5	RL Check	0.01	1	100	100	7.34	2.34	0.000	0.010	0.010	0.011	07/21/2022	12:49
6	PB146341BL		1	2.50	100	7.25	2.10	0.000	0.001	0.001	-0.001	07/21/2022	12:50
7	PB146341BS	20	1	2.50	100	7.18	1.82	0.000	0.356	0.356	0.464	07/21/2022	12:51
8	N3777-01		1	2.53	100	7.36	1.96	0.015	0.015	0.000	-0.002	07/21/2022	12:55
9	N3777-01DU		1	2.52	100	7.15	1.73	0.014	0.015	0.001	-0.001	07/21/2022	12:56
10	N3777-01MS	40	2	2.51	100	7.20	2.09	0.012	0.330	0.318	0.414	07/21/2022	12:57
11	N3777-01MS	1284	40	2.53	100	7.46	2.13	0.010	0.625	0.615	0.803	07/21/2022	12:58
12	N3777-01MS	40	2	2.54	100	7.62	2.30	0.013	0.369	0.356	0.464	07/21/2022	12:59
13	N3786-01		1	2.56	100	7.18	2.20	0.010	0.010	0.000	-0.002	07/21/2022	13:00
14	N3786-03		1	2.58	100	7.30	1.74	0.012	0.013	0.001	-0.001	07/21/2022	13:01
15	N3786-05		1	2.59	100	7.28	1.96	0.017	0.017	0.000	-0.002	07/21/2022	13:02
16	CCV2	0.5	1	100	100	7.18	2.08	0.000	0.379	0.379	0.494	07/21/2022	13:03
17	CCB2		1	100	100	7.28	2.15	0.000	0.002	0.002	0.000	07/21/2022	13:04
18	N3786-07		1	2.57	100	7.34	2.36	0.024	0.025	0.001	-0.001	07/21/2022	13:05
19	N3786-09		1	2.58	100	7.18	2.20	0.016	0.017	0.001	-0.001	07/21/2022	13:06
20	N3786-11		1	2.56	100	7.62	1.75	0.012	0.012	0.000	-0.002	07/21/2022	13:07
21	N3786-13		1	2.55	100	7.45	1.95	0.018	0.020	0.002	0.000	07/21/2022	13:08
22	N3786-15		1	2.57	100	7.52	1.82	0.015	0.015	0.000	-0.002	07/21/2022	13:09
23	N3786-17		1	2.59	100	7.74	2.30	0.017	0.018	0.001	-0.001	07/21/2022	13:10
24	N3786-19		1	2.58	100	7.58	2.15	0.016	0.016	0.000	-0.002	07/21/2022	13:12
25	N3810-01		1	2.56	100	7.63	2.28	0.022	0.023	0.001	-0.001	07/21/2022	13:13
26	N3810-02		1	2.57	100	7.80	1.78	0.023	0.025	0.002	0.000	07/21/2022	13:15
27	N3810-03		1	2.58	100	7.69	1.95	0.028	0.030	0.002	0.000	07/21/2022	13:16
28	CCV3	0.5	1	100	100	7.45	2.30	0.000	0.377	0.377	0.491	07/21/2022	13:17
29	CCB3		1	100	100	7.50	2.14	0.000	0.001	0.001	-0.001	07/21/2022	13:18
30	N3816-01		1	2.57	100	7.34	1.85	0.025	0.026	0.001	-0.001	07/21/2022	13:20
31	CCV4	0.5	1	100	100	7.18	1.93	0.000	0.378	0.378	0.492	07/21/2022	13:21
32	CCB4		1	100	100	7.28	2.05	0.000	0.002	0.002	0.000	07/21/2022	13:22