



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB121502

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP98316
5N sulfuric acid	WP96514
HNO3 Hex-Chrome, 5M	WP96513
Hexchrome Cleaning Solution	WP95568

Intercept: 0.0012

Slope: 0.7683

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	7.05	2.05	0.000	0.001	0.001	-0.00		08/12/2022	14:45
2	CAL2	0.01	1	100	100	7.34	1.88	0.000	0.008	0.008	0.008	20	08/12/2022	14:46
3	CAL3	0.025	1	100	100	7.18	1.79	0.000	0.020	0.020	0.024	4	08/12/2022	14:47
4	CAL4	0.05	1	100	100	7.62	1.95	0.000	0.040	0.040	0.050	0	08/12/2022	14:48
5	CAL5	0.1	1	100	100	7.40	2.30	0.000	0.080	0.080	0.102	-2	08/12/2022	14:49
6	CAL6	0.5	1	100	100	7.52	2.15	0.000	0.384	0.384	0.498	0.4	08/12/2022	14:50
7	CAL7	1	1	100	100	7.74	2.08	0.000	0.770	0.770	1.000	0	08/12/2022	14:52

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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	7.58	2.05	0.000	0.387	0.387	0.502	08/12/2022	14:55
2	ICB		1	100	100	7.63	1.88	0.000	0.002	0.002	0.001	08/12/2022	14:56
3	CCV1	0.5	1	100	100	7.55	1.79	0.000	0.386	0.386	0.501	08/12/2022	15:00
4	CCB1		1	100	100	7.63	1.95	0.000	0.001	0.001	0.000	08/12/2022	15:01
5	RL Check	0.01	1	100	100	7.58	1.85	0.000	0.010	0.010	0.011	08/12/2022	15:02
6	PB146979BL		1	2.50	100	7.62	2.08	0.000	0.002	0.002	0.001	08/12/2022	15:03
7	PB146979BS	20	1	2.50	100	7.45	2.30	0.000	0.356	0.356	0.462	08/12/2022	15:05
8	N4150-01		1	2.56	100	7.62	2.15	0.012	0.012	0.000	-0.002	08/12/2022	15:06
9	N4150-01DU		1	2.54	100	7.74	1.79	0.011	0.012	0.001	0.000	08/12/2022	15:07
10	N4150-01MS	40	2	2.53	100	7.20	1.95	0.010	0.320	0.310	0.402	08/12/2022	15:08
11	N4150-01MS	1284	40	2.56	100	7.34	1.85	0.008	0.619	0.611	0.794	08/12/2022	15:10
12	N4150-01MS	40	2	2.58	100	7.14	2.08	0.009	0.362	0.353	0.458	08/12/2022	15:12
13	N4152-01		1	2.55	100	7.08	2.10	0.017	0.017	0.000	-0.002	08/12/2022	15:13
14	N4152-03		1	2.57	100	7.36	2.36	0.005	0.005	0.000	-0.002	08/12/2022	15:15
15	N4153-01		1	2.59	100	7.14	2.25	0.009	0.009	0.000	-0.002	08/12/2022	15:16
16	CCV2	0.5	1	100	100	7.25	1.74	0.000	0.377	0.377	0.489	08/12/2022	15:17
17	CCB2		1	100	100	7.65	1.90	0.000	0.002	0.002	0.001	08/12/2022	15:18
18	N4188-01		1	2.54	100	7.45	2.20	0.016	0.017	0.001	0.000	08/12/2022	15:19
19	N4188-04		1	2.55	100	7.52	1.74	0.023	0.024	0.001	0.000	08/12/2022	15:20
20	N4188-07		1	2.57	100	7.69	1.95	0.048	0.050	0.002	0.001	08/12/2022	15:21
21	N4188-10		1	2.56	100	7.46	1.85	0.019	0.020	0.001	0.000	08/12/2022	15:22
22	N4188-13		1	2.54	100	7.62	2.30	0.022	0.023	0.001	0.000	08/12/2022	15:23
23	N4188-16		1	2.57	100	7.18	2.15	0.009	0.009	0.000	-0.002	08/12/2022	15:24
24	N4188-19		1	2.55	100	7.28	2.20	0.012	0.012	0.000	-0.002	08/12/2022	15:25
25	N4188-22		1	2.57	100	7.28	1.76	0.018	0.019	0.001	0.000	08/12/2022	15:26
26	N4188-25		1	2.55	100	7.36	1.95	0.009	0.016	0.007	0.008	08/12/2022	15:27
27	N4197-02		1	2.58	100	7.14	2.08	0.009	0.009	0.000	-0.002	08/12/2022	15:28
28	CCV3	0.5	1	100	100	7.28	2.15	0.000	0.376	0.376	0.488	08/12/2022	15:29
29	CCB3		1	100	100	7.09	2.30	0.000	0.002	0.002	0.001	08/12/2022	15:30
30	N4197-03		1	2.55	100	7.14	2.09	0.008	0.009	0.001	0.000	08/12/2022	15:31
31	CCV4	0.5	1	100	100	7.29	1.74	0.000	0.378	0.378	0.490	08/12/2022	15:32
32	CCB4		1	100	100	7.34	1.96	0.000	0.001	0.001	0.000	08/12/2022	15:34