



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Iwona

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: jignesh

Run Number: LB121659

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP98509
5N sulfuric acid	WP96514
HNO3 Hex-Chrome, 5M	WP96513
Hexchrome Cleaning Solution	WP95568

Intercept: -0.0007

Slope: 0.7796

Regression: 0.99999

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	7.51	2.04	0.000	0.000	0.000	0.000		08/23/2022	14:35
2	CAL2	0.01	1	100	100	7.14	2.07	0.000	0.006	0.006	0.008	20	08/23/2022	14:36
3	CAL3	0.025	1	100	100	7.24	1.85	0.000	0.017	0.017	0.022	12	08/23/2022	14:37
4	CAL4	0.05	1	100	100	7.58	1.63	0.000	0.039	0.039	0.050	0	08/23/2022	14:38
5	CAL5	0.1	1	100	100	7.24	2.14	0.000	0.078	0.078	0.100	0	08/23/2022	14:39
6	CAL6	0.5	1	100	100	7.19	2.01	0.000	0.391	0.391	0.502	-0.4	08/23/2022	14:40
7	CAL7	1	1	100	100	7.08	1.87	0.000	0.778	0.778	0.998	0.2	08/23/2022	14:41

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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	7.36	1.84	0.000	0.382	0.382	0.491	08/23/2022	14:44
2	ICB		1	100	100	7.47	2.14	0.000	0.001	0.001	0.002	08/23/2022	14:45
3	CCV1	0.5	1	100	100	7.63	2.28	0.000	0.381	0.381	0.490	08/23/2022	14:46
4	CCB1		1	100	100	7.95	2.33	0.000	0.002	0.002	0.003	08/23/2022	14:47
5	RL Check	0.01	1	100	100	7.15	1.98	0.000	0.009	0.009	0.012	08/23/2022	14:48
6	PB147213BL		1	2.50	100	7.58	1.88	0.000	0.002	0.002	0.003	08/23/2022	14:49
7	PB147213BS	20	1	2.50	100	7.66	2.40	0.000	0.369	0.369	0.474	08/23/2022	14:50
8	N4273-01		1	2.54	100	7.17	2.08	0.011	0.011	0.000	0.001	08/23/2022	14:51
9	N4273-01DU		1	2.57	100	7.54	1.98	0.012	0.013	0.001	0.002	08/23/2022	14:52
10	N4273-01MS	40	2	2.53	100	7.14	1.57	0.010	0.346	0.336	0.432	08/23/2022	14:53
11	N4273-01MS	1284	40	2.55	100	7.33	1.68	0.008	0.617	0.609	0.782	08/23/2022	14:54
12	N4273-01MS	40	2	2.51	100	7.80	2.24	0.011	0.379	0.368	0.473	08/23/2022	14:55
13	N4277-01		1	2.57	100	7.41	2.22	0.010	0.010	0.000	0.001	08/23/2022	14:56
14	N4283-01		1	2.56	100	7.85	1.63	0.005	0.006	0.001	0.002	08/23/2022	14:57
15	N4292-01		1	2.54	100	7.28	1.78	0.021	0.022	0.001	0.002	08/23/2022	14:58
16	CCV2	0.5	1	100	100	7.24	2.04	0.000	0.379	0.379	0.487	08/23/2022	14:59
17	CCB2		1	100	100	7.62	2.17	0.000	0.001	0.001	0.002	08/23/2022	15:00
18	N4295-01		1	2.58	100	7.80	2.29	0.006	0.006	0.000	0.001	08/23/2022	15:01
19	CCV3	0.5	1	100	100	7.41	1.82	0.000	0.385	0.385	0.495	08/23/2022	15:02
20	CCB3		1	100	100	7.07	1.77	0.000	0.001	0.001	0.002	08/23/2022	15:03