



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB120224

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP96844
5N sulfuric acid	WP96514
HNO3 Hex-Chrome, 5M	WP96513
Hexchrome Cleaning Solution	WP95568

Intercept: 0.0012

Slope: 0.7666

Regression: 0.999999

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	7.08	2.13	0.000	0.001	0.001	-0.00		05/18/2022	12:25
2	CAL2	0.01	1	100	100	7.15	1.88	0.000	0.009	0.009	0.010	0	05/18/2022	12:26
3	CAL3	0.025	1	100	100	7.35	1.79	0.000	0.020	0.020	0.024	4	05/18/2022	12:27
4	CAL4	0.05	1	100	100	7.20	1.95	0.000	0.040	0.040	0.050	0	05/18/2022	12:28
5	CAL5	0.1	1	100	100	7.34	2.30	0.000	0.078	0.078	0.100	0	05/18/2022	12:30
6	CAL6	0.5	1	100	100	7.18	2.18	0.000	0.384	0.384	0.499	0.2	05/18/2022	12:31
7	CAL7	1	1	100	100	7.34	2.20	0.000	0.768	0.768	1.000	0	05/18/2022	12:32

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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	7.46	2.10	0.000	0.380	0.380	0.494	05/18/2022	12:35
2	ICB		1	100	100	7.62	1.88	0.000	0.002	0.002	0.001	05/18/2022	12:36
3	CCV1	0.5	1	100	100	7.50	1.79	0.000	0.382	0.382	0.497	05/18/2022	12:37
4	CCB1		1	100	100	7.74	1.95	0.000	0.001	0.001	0.000	05/18/2022	12:38
5	RL Check	0.01	1	100	100	7.56	2.08	0.000	0.010	0.010	0.011	05/18/2022	12:40
6	PB144896BL		1	2.50	100	7.62	2.34	0.000	0.002	0.002	0.001	05/18/2022	12:41
7	PB144896BS	20	1	2.50	100	7.85	2.19	0.000	0.355	0.355	0.462	05/18/2022	12:42
8	N2855-01		1	2.53	100	7.41	2.25	0.016	0.017	0.001	0.000	05/18/2022	12:45
9	N2855-01DU		1	2.52	100	7.62	2.31	0.015	0.016	0.001	0.000	05/18/2022	12:46
10	N2855-01MS	40	2	2.51	100	7.50	2.16	0.013	0.354	0.341	0.443	05/18/2022	12:47
11	N2855-01MS	1284	40	2.53	100	7.34	2.05	0.010	0.628	0.618	0.805	05/18/2022	12:48
12	N2855-01MS	40	2	2.54	100	7.46	1.75	0.012	0.385	0.373	0.485	05/18/2022	12:49
13	N2858-01		1	2.57	100	7.52	1.92	0.009	0.009	0.000	-0.002	05/18/2022	12:50
14	N2879-01		1	2.56	100	7.68	1.82	0.011	0.012	0.001	0.000	05/18/2022	12:51
15	N2879-04		1	2.55	100	7.49	2.35	0.032	0.033	0.001	0.000	05/18/2022	12:52
16	CCV2	0.5	1	100	100	7.37	2.18	0.000	0.379	0.379	0.493	05/18/2022	12:53
17	CCB2		1	100	100	7.28	2.20	0.000	0.002	0.002	0.001	05/18/2022	12:54
18	N2879-07		1	2.58	100	7.18	1.88	0.013	0.013	0.000	-0.002	05/18/2022	12:55
19	N2879-10		1	2.56	100	7.34	1.74	0.013	0.013	0.000	-0.002	05/18/2022	12:56
20	N2901-01		1	2.55	100	7.28	1.92	0.020	0.021	0.001	0.000	05/18/2022	12:57
21	N2911-01		1	2.58	100	7.79	2.30	0.078	0.080	0.002	0.001	05/18/2022	12:58
22	CCV3	0.5	1	100	100	7.58	2.15	0.000	0.377	0.377	0.490	05/18/2022	12:59
23	CCB3		1	100	100	7.46	2.09	0.000	0.002	0.002	0.001	05/18/2022	13:00