



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Iwona

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB118757

pH Meter ID: WC-PHMETER

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP95352
5N sulfuric acid	WP93692
HNO3 Hex-Chrome, 5M	WP93691
Hexchrome Cleaning Solution	WP92841

Intercept: 0.0017

Slope: 0.7681

Regression: 0.999997

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	7.28	2.08	0.000	0.001	0.001	-0.00		02/19/2022	13:40
2	CAL2	0.01	1	100	100	7.36	1.89	0.000	0.009	0.009	0.009	10	02/19/2022	13:41
3	CAL3	0.025	1	100	100	7.18	1.95	0.000	0.021	0.021	0.025	0	02/19/2022	13:42
4	CAL4	0.05	1	100	100	7.52	2.05	0.000	0.040	0.040	0.049	2	02/19/2022	13:43
5	CAL5	0.1	1	100	100	7.62	2.14	0.000	0.080	0.080	0.101	-1	02/19/2022	13:44
6	CAL6	0.5	1	100	100	7.45	2.30	0.000	0.385	0.385	0.499	0.2	02/19/2022	13:45
7	CAL7	1	1	100	100	7.50	2.25	0.000	0.770	0.770	1.000	0	02/19/2022	13:46



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Run Number: LB118757

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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	7.70	2.30	0.000	0.382	0.382	0.495	02/19/2022	13:50
2	ICB		1	100	100	7.18	2.15	0.000	0.002	0.002	0.000	02/19/2022	13:51
3	CCV1	0.5	1	100	100	7.34	2.20	0.000	0.379	0.379	0.491	02/19/2022	13:52
4	CCB1		1	100	100	7.28	1.88	0.000	0.001	0.001	-0.001	02/19/2022	13:53
5	RL Check	0.01	1	100	100	7.19	1.78	0.000	0.010	0.010	0.011	02/19/2022	13:54
6	PB142814BL		1	2.50	100	7.34	1.95	0.000	0.002	0.002	0.000	02/19/2022	13:55
7	PB142814BS	20	1	2.50	100	7.29	1.85	0.000	0.356	0.356	0.461	02/19/2022	13:56
8	N1602-01		1	2.55	100	7.34	2.35	0.082	0.084	0.002	0.000	02/19/2022	13:57
9	N1602-02		1	2.57	100	7.29	2.29	0.039	0.040	0.001	-0.001	02/19/2022	13:58
10	N1602-03		1	2.59	100	7.14	1.88	0.090	0.092	0.002	0.000	02/19/2022	13:59
11	N1602-04		1	2.56	100	7.08	1.74	0.085	0.087	0.002	0.000	02/19/2022	14:00
12	N1602-05		1	2.57	100	7.35	1.96	0.080	0.082	0.002	0.000	02/19/2022	14:01
13	N1602-06		1	2.58	100	7.45	2.25	0.063	0.064	0.001	-0.001	02/19/2022	14:02
14	N1602-07		1	2.56	100	7.62	2.15	0.021	0.022	0.001	-0.001	02/19/2022	14:03
15	N1602-08		1	2.54	100	7.58	2.08	0.087	0.089	0.002	0.000	02/19/2022	14:04
16	CCV2	0.5	1	100	100	7.58	1.79	0.000	0.378	0.378	0.490	02/19/2022	14:05
17	CCB2		1	100	100	7.34	1.95	0.000	0.001	0.001	-0.001	02/19/2022	14:06
18	N1602-09		1	2.55	100	7.18	2.08	0.056	0.057	0.001	-0.001	02/19/2022	14:07
19	N1602-10		1	2.58	100	7.34	2.10	0.093	0.095	0.002	0.000	02/19/2022	14:08
20	N1610-01		1	2.57	100	7.25	2.37	0.041	0.042	0.001	-0.001	02/19/2022	14:09
21	N1610-01DU		1	2.59	100	7.41	2.28	0.040	0.042	0.002	0.000	02/19/2022	14:10
22	N1610-01MS	40	2	2.54	100	7.62	1.79	0.039	0.177	0.138	0.177	02/19/2022	14:11
23	N1610-01MS	1284	40	2.56	100	7.48	1.95	0.032	0.629	0.597	0.775	02/19/2022	14:12
24	N1610-01MS	40	2	2.54	100	7.55	2.08	0.038	0.293	0.255	0.330	02/19/2022	14:13
25	CCV3	0.5	1	100	100	7.28	1.88	0.000	0.380	0.380	0.493	02/19/2022	14:14
26	CCB3		1	100	100	7.18	2.35	0.000	0.002	0.002	0.000	02/19/2022	14:15