



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Iwona

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB119372

pH Meter ID:

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP95917
5N sulfuric acid	WP93692
HNO3 Hex-Chrome, 5M	WP93691
Hexchrome Cleaning Solution	WP95568

Intercept: 0.0007

Slope: 0.768

Regression: 0.999998

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	7.45	1.85	0.000	0.000	0.000	-0.00		03/28/2022	11:00
2	CAL2	0.01	1	100	100	7.15	1.79	0.000	0.008	0.008	0.009	10	03/28/2022	11:01
3	CAL3	0.025	1	100	100	7.42	2.05	0.000	0.020	0.020	0.025	0	03/28/2022	11:02
4	CAL4	0.05	1	100	100	7.58	2.11	0.000	0.040	0.040	0.051	-2	03/28/2022	11:03
5	CAL5	0.1	1	100	100	7.40	2.30	0.000	0.078	0.078	0.100	0	03/28/2022	11:04
6	CAL6	0.5	1	100	100	7.32	2.28	0.000	0.384	0.384	0.499	0.2	03/28/2022	11:05
7	CAL7	1	1	100	100	7.29	1.98	0.000	0.769	0.769	1.000	0	03/28/2022	11:06



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pH Meter ID:

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	7.44	1.88	0.000	0.378	0.378	0.491	03/28/2022	11:07
2	ICB		1	100	100	7.35	1.76	0.000	0.001	0.001	0.000	03/28/2022	11:08
3	CCV1	0.5	1	100	100	7.71	2.06	0.000	0.384	0.384	0.499	03/28/2022	11:09
4	CCB1		1	100	100	7.22	2.11	0.000	0.002	0.002	0.002	03/28/2022	11:10
5	RL Check	0.01	1	100	100	7.60	1.72	0.000	0.009	0.009	0.011	03/28/2022	11:11
6	PB143677BL		1	2.50	100	7.18	1.86	0.000	0.001	0.001	0.000	03/28/2022	11:12
7	PB143677BS	20	1	2.50	100	7.24	2.08	0.000	0.377	0.377	0.490	03/28/2022	11:13
8	N2084-01		1	2.56	100	7.33	2.14	0.014	0.014	0.000	-0.001	03/28/2022	11:14
9	N2091-01		1	2.51	100	7.52	1.99	0.006	0.007	0.001	0.000	03/28/2022	11:15
10	N2091-01DU		1	2.52	100	7.63	1.63	0.007	0.007	0.000	-0.001	03/28/2022	11:16
11	N2091-01MS	40	2	2.55	100	7.58	2.07	0.006	0.341	0.335	0.435	03/28/2022	11:17
12	N2091-01MS	1284	40	2.53	100	7.08	2.22	0.007	0.602	0.595	0.774	03/28/2022	11:18
13	N2091-01MS	40	2	2.52	100	7.17	2.41	0.007	0.367	0.360	0.468	03/28/2022	11:19
14	N2109-01		1	2.54	100	7.26	2.08	0.008	0.010	0.002	0.002	03/28/2022	11:20
15	N2123-01		1	2.52	100	7.66	1.82	0.065	0.066	0.001	0.000	03/28/2022	11:21
16	CCV2	0.5	1	100	100	7.18	1.78	0.000	0.381	0.381	0.495	03/28/2022	11:22
17	CCB2		1	100	100	7.82	2.05	0.000	0.000	0.000	-0.001	03/28/2022	11:23
18	N2123-02		1	2.55	100	7.77	1.96	0.075	0.077	0.002	0.002	03/28/2022	11:24
19	N2140-01		1	2.51	100	7.18	1.66	0.009	0.009	0.000	-0.001	03/28/2022	11:25
20	CCV3	0.5	1	100	100	7.05	1.87	0.000	0.378	0.378	0.491	03/28/2022	11:26
21	CCB3		1	100	100	7.40	2.02	0.000	0.001	0.001	0.000	03/28/2022	11:27