



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Iwona

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB119617

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP96250
5N sulfuric acid	WP93692
HNO3 Hex-Chrome, 5M	WP93691
Hexchrome Cleaning Solution	WP95568

Intercept: 0.0013

Slope: 0.765

Regression: 0.999992

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	7.26	1.96	0.000	0.000	0.000	-0.00		04/11/2022	11:00
2	CAL2	0.01	1	100	100	7.41	1.86	0.000	0.008	0.008	0.008	20	04/11/2022	11:01
3	CAL3	0.025	1	100	100	7.60	2.06	0.000	0.021	0.021	0.025	0	04/11/2022	11:02
4	CAL4	0.05	1	100	100	7.44	1.91	0.000	0.039	0.039	0.049	2	04/11/2022	11:03
5	CAL5	0.1	1	100	100	7.28	2.08	0.000	0.080	0.080	0.102	-2	04/11/2022	11:04
6	CAL6	0.5	1	100	100	7.34	2.14	0.000	0.384	0.384	0.500	0	04/11/2022	11:05
7	CAL7	1	1	100	100	7.11	2.25	0.000	0.766	0.766	0.999	0.1	04/11/2022	11:06



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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	7.48	1.88	0.000	0.374	0.374	0.487	04/11/2022	11:07
2	ICB		1	100	100	7.62	2.31	0.000	0.001	0.001	0.000	04/11/2022	11:08
3	CCV1	0.5	1	100	100	7.45	2.16	0.000	0.380	0.380	0.495	04/11/2022	11:09
4	CCB1		1	100	100	7.58	2.08	0.000	0.001	0.001	0.000	04/11/2022	11:10
5	RL Check	0.01	1	100	100	7.19	1.69	0.000	0.009	0.009	0.010	04/11/2022	11:11
6	PB144018BL		1	2.50	100	7.70	1.88	0.000	0.002	0.002	0.001	04/11/2022	11:12
7	PB144018BS	20	1	2.50	100	7.33	2.07	0.000	0.372	0.372	0.485	04/11/2022	11:13
8	N2281-01		1	2.55	100	7.26	1.90	0.002	0.004	0.002	0.001	04/11/2022	11:14
9	N2281-01DU		1	2.52	100	7.47	2.21	0.001	0.002	0.001	0.000	04/11/2022	11:15
10	N2281-01MS	40	2	2.54	100	7.22	1.73	0.002	0.298	0.296	0.385	04/11/2022	11:16
11	N2281-01MS	1284	40	2.55	100	7.82	2.36	0.002	0.587	0.585	0.763	04/11/2022	11:17
12	N2281-01MS	40	2	2.53	100	7.31	2.05	0.002	0.362	0.360	0.469	04/11/2022	11:18
13	CCV2	0.5	1	100	100	7.15	1.85	0.000	0.379	0.379	0.494	04/11/2022	11:19
14	CCB2		1	100	100	7.42	1.69	0.000	0.000	0.000	-0.002	04/11/2022	11:20