



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Iwona

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Jignesh

Run Number: LB121721

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: -0.0006

Slope: 0.7812

Regression: 0.999996

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	7.65	2.04	0.000	0.0000	0.000	0.000		08/25/2022	13:00
2	CAL2	0.01	1	100	100	7.41	2.15	0.000	0.006	0.006	0.008	20	08/25/2022	13:01
3	CAL3	0.025	1	100	100	7.47	1.85	0.000	0.018	0.018	0.023	8	08/25/2022	13:02
4	CAL4	0.05	1	100	100	7.14	1.96	0.000	0.039	0.039	0.050	0	08/25/2022	13:03
5	CAL5	0.1	1	100	100	7.85	1.73	0.000	0.078	0.078	0.100	0	08/25/2022	13:04
6	CAL6	0.5	1	100	100	7.36	2.24	0.000	0.391	0.391	0.501	-0.2	08/25/2022	13:05
7	CAL7	1	1	100	100	7.37	2.07	0.000	0.780	0.780	0.999	0.1	08/25/2022	13:06

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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	7.09	2.01	0.000	0.383	0.383	0.491	08/25/2022	13:10
2	ICB		1	100	100	7.54	1.96	0.000	0.001	0.001	0.002	08/25/2022	13:11
3	CCV1	0.5	1	100	100	7.44	1.58	0.000	0.383	0.383	0.491	08/25/2022	13:12
4	CCB1		1	100	100	7.85	1.66	0.000	0.002	0.002	0.003	08/25/2022	13:13
5	RL Check	0.01	1	100	100	7.67	2.08	0.000	0.007	0.007	0.010	08/25/2022	13:14
6	PB147290BL		1	2.50	100	7.39	2.41	0.000	0.001	0.001	0.002	08/25/2022	13:15
7	PB147290BS	20	1	2.50	100	7.61	2.33	0.000	0.384	0.384	0.492	08/25/2022	13:16
8	N4303-01		1	2.54	100	7.40	1.62	0.008	0.010	0.002	0.003	08/25/2022	13:17
9	N4310-01		1	2.57	100	7.22	1.87	0.006	0.006	0.000	0.001	08/25/2022	13:18
10	N4323-01		1	2.51	100	7.48	2.09	0.007	0.008	0.001	0.002	08/25/2022	13:19
11	N4323-01DU		1	2.55	100	7.96	2.17	0.006	0.007	0.001	0.002	08/25/2022	13:20
12	N4323-01MS	40	2	2.54	100	7.25	2.26	0.006	0.345	0.339	0.435	08/25/2022	13:21
13	N4323-01MS	1284	40	2.56	100	7.07	1.82	0.005	0.618	0.613	0.785	08/25/2022	13:22
14	N4323-01MS	40	2	2.52	100	7.52	1.70	0.006	0.374	0.368	0.472	08/25/2022	13:23
15	N4353-03		1	2.51	100	7.71	2.11	0.003	0.003	0.000	0.001	08/25/2022	13:24
16	CCV2	0.5	1	100	100	7.13	1.98	0.000	0.386	0.386	0.495	08/25/2022	13:25
17	CCB2		1	100	100	7.42	1.67	0.000	0.002	0.002	0.003	08/25/2022	13:26
18	N4353-04		1	2.54	100	7.67	2.36	0.003	0.004	0.001	0.002	08/25/2022	13:27
19	CCV3	0.5	1	100	100	7.29	2.34	0.000	0.381	0.381	0.488	08/25/2022	13:28
20	CCB3		1	100	100	7.35	1.81	0.000	0.001	0.001	0.002	08/25/2022	13:29