

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Iwona

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Sohil

Run Number: LB131830

pH Meter ID: ph Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP108907
5N sulfuric acid	WP107791
HNO3 Hex-Chrome, 5M	WP107796
HEX LOD STD, 0.005PPM	WP108960
Hexchrome Cleaning Solution	WP108645

Intercept: 0.0011

Slope: 0.7701

Regression: 0.999994

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	7.66	1.86	0.000	0.000	0.000	-0.00		08/01/2024	12:30
2	CAL2	0.01	1	100	100	7.18	1.80	0.000	0.008	0.008	0.008	-20	08/01/2024	12:31
3	CAL3	0.025	1	100	100	7.52	1.93	0.000	0.020	0.020	0.024	-4	08/01/2024	12:32
4	CAL4	0.05	1	100	100	7.09	2.05	0.000	0.040	0.040	0.050	0	08/01/2024	12:33
5	CAL5	0.1	1	100	100	7.26	1.88	0.000	0.080	0.080	0.102	2	08/01/2024	12:34
6	CAL6	0.5	1	100	100	7.40	2.02	0.000	0.386	0.386	0.499	-0.2	08/01/2024	12:35
7	CAL7	1	1	100	100	7.63	2.17	0.000	0.771	0.771	0.999	-0.1	08/01/2024	12:36



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Run Number: LB131830

pH Meter ID: 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	7.18	1.99	0.000	0.382	0.382	0.495	08/01/2024	12:37
2	ICB		1	100	100	7.47	2.33	0.000	0.001	0.001	0.000	08/01/2024	12:38
3	CCV1	0.5	1	100	100	7.55	2.08	0.000	0.386	0.386	0.500	08/01/2024	12:39
4	CCB1		1	100	100	7.18	2.46	0.000	0.001	0.001	0.000	08/01/2024	12:40
5	RL Check	0.01	1	100	100	7.02	1.65	0.000	0.008	0.008	0.009	08/01/2024	12:41
6	PB162445BL		1	2.50	100	7.58	1.84	0.000	0.001	0.001	0.000	08/01/2024	12:42
7	PB162445BS	20	1	2.50	100	7.66	2.08	0.000	0.384	0.384	0.497	08/01/2024	12:43
8	P3390-03		1	2.50	100	7.19	1.77	0.000	0.004	0.004	0.004	08/01/2024	12:44
9	P3413-01		1	2.56	100	7.14	1.94	0.012	0.014	0.002	0.001	08/01/2024	12:45
10	P3413-01DU		1	2.53	100	7.66	1.80	0.011	0.012	0.001	0.000	08/01/2024	12:46
11	P3413-01MS	40	2	2.54	100	7.54	2.01	0.011	0.352	0.341	0.441	08/01/2024	12:47
12	P3413-01MS	1284	40	2.51	100	7.37	2.35	0.000	0.608	0.608	0.788	08/01/2024	12:48
13	P3413-01MS	40	2	2.53	100	7.28	1.85	0.010	0.373	0.363	0.470	08/01/2024	12:49
14	P3417-01		1	2.55	100	7.22	2.43	0.002	0.002	0.000	-0.001	08/01/2024	12:50
15	CCV2	0.5	1	100	100	7.34	2.33	0.000	0.385	0.385	0.499	08/01/2024	12:51
16	CCB2		1	100	100	7.55	2.08	0.000	0.001	0.001	0.000	08/01/2024	12:52