

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Iwona

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: ketankumar

Run Number: LB119097

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP95727
5N sulfuric acid	WP93692
HNO3 Hex-Chrome, 5M	WP93691
Hexchrome Cleaning Solution	WP95568

Intercept: 0.0018

Slope: 0.7663

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	2.05	0.000	0.001	0.001	-0.00		03/11/2022	12:25
2	CAL2	0.01	1	100	100	7.15	1.88	0.000	0.009	0.009	0.009	10	03/11/2022	12:26
3	CAL3	0.025	1	100	100	7.34	1.75	0.000	0.021	0.021	0.025	0	03/11/2022	12:27
4	CAL4	0.05	1	100	100	7.37	1.95	0.000	0.040	0.040	0.049	2	03/11/2022	12:28
5	CAL5	0.1	1	100	100	7.50	2.30	0.000	0.080	0.080	0.102	-2	03/11/2022	12:29
6	CAL6	0.5	1	100	100	7.62	2.18	0.000	0.385	0.385	0.500	0	03/11/2022	12:30
7	CAL7	1	1	100	100	7.48	2.28	0.000	0.768	0.768	0.999	0.1	03/11/2022	12:32

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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	7.28	2.30	0.000	0.382	0.382	0.496	03/11/2022	12:35
2	ICB		1	100	100	7.18	2.18	0.000	0.002	0.002	0.000	03/11/2022	12:36
3	CCV1	0.5	1	100	100	7.72	2.25	0.000	0.379	0.379	0.492	03/11/2022	12:37
4	CCB1		1	100	100	7.62	1.79	0.000	0.001	0.001	-0.001	03/11/2022	12:38
5	RL Check	0.01	1	100	100	7.28	1.95	0.000	0.010	0.010	0.011	03/11/2022	12:39
6	PB143248BL		1	2.50	100	7.30	1.82	0.000	0.002	0.002	0.000	03/11/2022	12:40
7	PB143248BS	20	1	2.50	100	7.18	2.09	0.000	0.356	0.356	0.462	03/11/2022	12:41
8	N1864-03		1	2.53	100	7.34	2.18	0.033	0.035	0.002	0.000	03/11/2022	12:43
9	N1864-03DU		1	2.52	100	7.18	2.34	0.034	0.035	0.001	-0.001	03/11/2022	12:44
10	N1864-03MS	40	2	2.51	100	7.62	2.28	0.030	0.218	0.188	0.243	03/11/2022	12:45
11	N1864-03MS	1284	40	2.53	100	7.48	2.18	0.027	0.629	0.602	0.783	03/11/2022	12:46
12	N1864-03MS	40	2	2.54	100	7.62	2.36	0.031	0.275	0.244	0.316	03/11/2022	12:47
13	N1864-05		1	2.56	100	7.48	2.28	0.015	0.015	0.000	-0.002	03/11/2022	12:48
14	N1864-07		1	2.53	100	7.62	2.18	0.012	0.013	0.001	-0.001	03/11/2022	12:49
15	N1864-09		1	2.55	100	7.55	1.88	0.014	0.015	0.001	-0.001	03/11/2022	12:50
16	CCV2	0.5	1	100	100	7.49	1.76	0.000	0.378	0.378	0.491	03/11/2022	12:51
17	CCB2		1	100	100	7.62	1.92	0.000	0.001	0.001	-0.001	03/11/2022	12:52
18	N1864-11		1	2.58	100	7.29	2.09	0.038	0.040	0.002	0.000	03/11/2022	12:53
19	N1864-13		1	2.56	100	7.34	1.78	0.042	0.042	0.000	-0.002	03/11/2022	12:54
20	N1864-15		1	2.54	100	7.28	1.95	0.011	0.012	0.001	-0.001	03/11/2022	12:55
21	N1874-01		1	2.53	100	7.34	2.08	0.031	0.031	0.000	-0.002	03/11/2022	12:56
22	N1890-01		1	2.58	100	7.29	1.89	0.027	0.028	0.001	-0.001	03/11/2022	12:57
23	CCV3	0.5	1	100	100	7.18	1.74	0.000	0.380	0.380	0.494	03/11/2022	12:58
24	CCB3		1	100	100	7.28	2.09	0.000	0.001	0.001	-0.001	03/11/2022	12:58