CHEMTECH

Analytical Summary Report

Analysis Method: 7196A
Parameter: Hexavalent Chromium
Run Number: LB119306

ANALYST: Iwona
SUPERVISOR REVIEW BY: apatel
pH Meter ID: WC pH Meter-1

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

Intercept: 0.001 **Slope:** 0.7686 **Regression:** 0.999992

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb.at 540nm		Absorbance Difference	Result (mg/L)	%D	Anal Date	Anal Time
								Backgrnd	Color					
1	CAL1	0	1	100	100	7.25	2.14	0.000	0.000	0.000	-0.00		03/23/2022	12:40
2	CAL2	0.01	1	100	100	7.85	1.98	0.000	0.008	0.008	0.009	10	03/23/2022	12:41
3	CAL3	0.025	1	100	100	7.18	1.66	0.000	0.020	0.020	0.024	4	03/23/2022	12:42
4	CAL4	0.05	1	100	100	7.04	2.06	0.000	0.040	0.040	0.050	0	03/23/2022	12:43
5	CAL5	0.1	1	100	100	7.63	2.40	0.000	0.080	0.080	0.102	-2	03/23/2022	12:44
6	CAL6	0.5	1	100	100	7.48	2.02	0.000	0.384	0.384	0.498	0.4	03/23/2022	12:45
7	CAL7	1	1	100	100	7.44	1.63	0.000	0.770	0.770	1.000	0	03/23/2022	12:46

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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	7.40	2.33	0.000	0.380	0.380	0.493	03/23/2022	12:47
2	ICB		1	100	100	7.86	2.01	0.000	0.001	0.001	0.000	03/23/2022	12:48
3	CCV1	0.5	1	100	100	7.30	2.10	0.000	0.384	0.384	0.498	03/23/2022	12:49
4	CCB1		1	100	100	7.47	1.63	0.000	0.002	0.002	0.001	03/23/2022	12:50
5	RL Check	0.01	1	100	100	7.71	1.78	0.000	0.009	0.009	0.010	03/23/2022	12:51
6	PB143550BL		1	2.50	100	7.66	1.88	0.000	0.001	0.001	0.000	03/23/2022	12:52
7	PB143550BS	20	1	2.50	100	7.14	2.08	0.000	0.374	0.374	0.485	03/23/2022	12:53
8	N1962-01		1	2.55	100	7.09	2.11	0.006	0.007	0.001	0.000	03/23/2022	12:54
9	N1962-02		1	2.54	100	7.82	1.85	0.013	0.013	0.000	-0.001	03/23/2022	12:55
10	N1962-03		1	2.58	100	7.31	1.59	0.007	0.009	0.002	0.001	03/23/2022	12:56
11	N1962-04		1	2.52	100	7.88	1.96	0.014	0.015	0.001	0.000	03/23/2022	12:57
12	N1962-07		1	2.53	100	7.42	2.06	0.013	0.014	0.001	0.000	03/23/2022	12:58
13	N1962-08		1	2.51	100	7.08	2.32	0.010	0.010	0.000	-0.001	03/23/2022	12:59
14	N1962-09		1	2.55	100	7.47	2.30	0.015	0.017	0.002	0.001	03/23/2022	13:00
15	N1962-10		1	2.54	100	7.92	1.63	0.017	0.018	0.001	0.000	03/23/2022	13:01
16	CCV2	0.5	1	100	100	7.78	1.66	0.000	0.377	0.377	0.489	03/23/2022	13:02
17	CCB2		1	100	100	7.54	1.85	0.000	0.000	0.000	-0.001	03/23/2022	13:03
18	N2058-01		1	2.56	100	7.29	2.09	0.019	0.020	0.001	0.000	03/23/2022	13:04
19	N2058-01DU		1	2.53	100	7.80	2.14	0.019	0.019	0.000	-0.001	03/23/2022	13:05
20	N2058-01MS	40	2	2.51	100	7.33	2.21	0.018	0.348	0.330	0.428	03/23/2022	13:06
21	N2058-01MS	1284	40	2.52	100	7.26	2.33	0.018	0.548	0.530	0.688	03/23/2022	13:07
22	N2058-01MS	40	2	2.55	100	7.41	1.86	0.019	0.368	0.349	0.453	03/23/2022	13:08
23	CCV3	0.5	1	100	100	7.28	1.99	0.000	0.366	0.366	0.475	03/23/2022	13:09
24	CCB3		1	100	100	7.22	2.07	0.000	0.001	0.001	0.000	03/23/2022	13:10