CHEMTECH

Analytical Summary Report

Analysis Method: 7196A
Parameter: Hexavalent Chromium
Run Number: LB108488

ANALYST: Alexander
SUPERVISOR REVIEW BY: apatel
pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP83175
Calibration Std. hexchrome 0.05 ppm	WP83174
calibration std. hexchrome 0.01 ppm	WP83171
calibration std. hexchrome 0 ppm	WP83170
hexavalent chromium color reagent	WP83113
5N sulfuric acid	WP79628
HNO3 Hex-Chrome, 5M	WP80978
Calibration Std Hexachrome 0.025 ppm	WP83173
Hexavalent Chromium ICV-LCS Std	WP83178
Calibration and CCV std HexChrome 0.5PPM	WP83176
Calibration std HexChrome 1.0PPM	WP83177

Intercept: 0.0006 **Slope:** 0.7951 **Regression:** 0.999953

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb. at 540		Absorbance Difference	Anal Date	Anal Time
								Backgrnd	Color			
1	CAL1	0	1	100	100		2.08	0.000	0.000	0.000	03/27/2020	14:10
2	CAL2	0.01	1	100	100		2.04	0.000	0.010	0.010	03/27/2020	14:11
3	CAL3	0.025	1	100	100		2.05	0.000	0.020	0.020	03/27/2020	14:12
4	CAL4	0.05	1	100	100		2.11	0.000	0.038	0.038	03/27/2020	14:13
5	CAL5	0.1	1	100	100		2.02	0.000	0.079	0.079	03/27/2020	14:14
6	CAL6	0.5	1	100	100		1.98	0.000	0.404	0.404	03/27/2020	14:15
7	CAL7	1	1	100	100		2.08	0.000	0.793	0.793	03/27/2020	14:16

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Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb. at 540		Absorbance Difference	Result	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		2.22	0.000	0.401	0.401	0.504	03/27/2020	14:17
2	ICB		1	100	100		2.06	0.000	0.000	0.000	-0.001	03/27/2020	14:18
3	CCV1	0.5	1	100	100		2.07	0.000	0.398	0.398	0.500	03/27/2020	14:19
4	CCB1		1	100	100		2.04	0.000	0.000	0.000	-0.001	03/27/2020	14:20
5	PB127882BL		1	2.51	100	7.02	2.09	0.000	0.000	0.000	-0.001	03/27/2020	14:21
6	PB127882BS	20	1	2.50	100	7.10	2.13	0.000	0.347	0.347	0.436	03/27/2020	14:22
7	L2049-01		1	2.51	100	7.03	2.03	0.006	0.008	0.002	0.002	03/27/2020	14:22
8	L2049-01DUP		1	2.54	100	7.02	1.98	0.005	0.007	0.002	0.002	03/27/2020	14:23
9	L2049-01MSPre	40	2	2.50	100	7.01	2.22	0.005	0.263	0.258	0.324	03/27/2020	14:23
10	L2049-01MS2Ins	1284	40	2.54	100	7.22	2.01	0.006	0.654	0.648	0.814	03/27/2020	14:24
11	L2049-01MS3Post	40	2	2.57	100	7.06	2.02	0.006	0.407	0.401	0.504	03/27/2020	14:24
12	L2049-02		1	2.50	100	7.22	2.08	0.083	0.083	0.000	-0.001	03/27/2020	14:25
13	L2049-03		1	2.51	100	7.01	2.07	0.024	0.025	0.001	0.001	03/27/2020	14:26
14	L2049-04		1	2.51	100	7.06	2.08	0.064	0.066	0.002	0.002	03/27/2020	14:26
15	CCV2	0.5	1	100	100		2.06	0.000	0.399	0.399	0.501	03/27/2020	14:27
16	CCB2		1	100	100		2.07	0.000	0.000	0.000	-0.001	03/27/2020	14:28
17	L2053-02		1	2.55	100	7.08	2.08	0.050	0.051	0.001	0.001	03/27/2020	14:28
18	L2053-06		1	2.52	100	7.08	2.06	0.010	0.011	0.001	0.001	03/27/2020	14:29
19	L2055-01		1	2.54	100	7.03	2.06	0.009	0.009	0.000	-0.001	03/27/2020	14:30
20	L2055-03		1	2.53	100	7.08	2.06	0.014	0.014	0.000	-0.001	03/27/2020	14:30
21	CCV3	0.5	1	100	100		2.04	0.000	0.399	0.399	0.501	03/27/2020	14:31
22	CCB3		1	100	100		1.90	0.000	0.000	0.000	-0.001	03/27/2020	14:31