CHEMTECH

Analytical Summary Report

Analysis Method: SM3500-Cr B
ANALYST: jignesh
Parameter: Hexavalent Chromium
SUPERVISOR REVIEW BY: Iwona
Run Number: LB122149
pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP99094
Calibration Std. hexchrome 0.05 ppm	WP99095
calibration std. hexchrome 0.01 ppm	WP99097
calibration std. hexchrome 0 ppm	WP99098
hexavalent chromium color reagent	WP99040
0.2N SULFURIC ACID	WP97942
Calibration Std Hexachrome 0.025 ppm	WP99096
Hexavalent Chromium ICV-LCS Std	WP99099
Calibration and CCV std HexChrome 0.5PPM	WP99093
Calibration std HexChrome 1.0PPM	WP99092

Intercept: -0.0001 **Slope:** 0.7802 **Regression:** 0.999988

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		2.05	0.000	0.000	0.000	0.000		09/23/2022	15:00
2	CAL2	0.01	1	100	100		1.96	0.000	0.007	0.007	0.009	10	09/23/2022	15:01
3	CAL3	0.025	1	100	100		1.98	0.000	0.018	0.018	0.023	8	09/23/2022	15:02
4	CAL4	0.05	1	100	100		2.04	0.000	0.038	0.038	0.048	4	09/23/2022	15:03
5	CAL5	0.1	1	100	100		1.85	0.000	0.080	0.080	0.102	-2	09/23/2022	15:04
6	CAL6	0.5	1	100	100		1.95	0.000	0.392	0.392	0.502	-0.4	09/23/2022	15:05
7	CAL7	1	1	100	100		2.01	0.000	0.779	0.779	0.998	0.2	09/23/2022	15:06

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pH Meter ID: WC 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		1.88	0.000	0.380	0.380	0.487	09/23/2022	15:10
2	ICB		1	100	100		1.98	0.000	0.000	0.000	0.000	09/23/2022	15:11
3	CCV1	0.5	1	100	100		2.04	0.000	0.376	0.376	0.482	09/23/2022	15:12
4	CCB1		1	100	100		2.06	0.000	0.000	0.000	0.000	09/23/2022	15:13
5	RL Check	0.01	1	100	100		2.03	0.000	0.008	0.008	0.010	09/23/2022	15:14
6	LB122149BL		1	100	100		1.86	0.000	0.000	0.000	0.000	09/23/2022	15:15
7	LB122149BS	0.5	1	100	100		1.88	0.000	0.391	0.391	0.501	09/23/2022	15:16
8	N4742-07		1	100	100		2.08	0.010	0.010	0.000	0.000	09/23/2022	15:17
9	N4742-08		1	100	100		2.10	0.039	0.040	0.001	0.001	09/23/2022	15:18
10	N4742-09		1	100	100		2.06	0.013	0.013	0.000	0.000	09/23/2022	15:19
11	N4742-09DU		1	100	100		2.06	0.013	0.013	0.000	0.000	09/23/2022	15:20
12	N4742-09MS	1	2	100	100		2.08	0.015	0.402	0.387	0.496	09/23/2022	15:21
13	N4742-09MS	1	2	100	100		2.09	0.016	0.403	0.387	0.496	09/23/2022	15:22
14	CCV2	0.5	1	100	100		1.96	0.000	0.384	0.384	0.492	09/23/2022	15:23
15	CCB2		1	100	100		1.86	0.000	0.000	0.000	0.000	09/23/2022	15:24

LB 122 149

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hex -0923 **WorkList ID :** 163464 **Department :** Wet-Chemistry **Date :** 09-23-2022 14:47:26

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
09/28/2022	Water	N4742-07 H	Hexavalent Chromium	Ammonium sulf	LIRO01	N11	TWP-05	09/21/2022	SM3500-Cr B
09/28/2022	Water	N4742-08 H	Hexavalent Chromium	Ammonium sulf	LIRO01	N11	TWP-14	09/21/2022	SM3500-Cr B
09/28/2022	Water	N4742-09 H	Hexavalent Chromium	Ammonium sulf	LIRO01	N11	TWP-21	09/21/2022	SM3500-Cr B

Date/Time 9/23/22 14:50
Raw Sample Received by: SJ(WC)
Raw Sample Relinquished by: CP(SM)

Date/Time 9/23/22 15:45
Raw Sample Received by: CP(SM)
Raw Sample Relinquished by: SJ(WC)