



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Sohil

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB122842

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP99837
Calibration Std. hexchrome 0.05 ppm	WP99838
calibration std. hexchrome 0.01 ppm	WP99840
calibration std. hexchrome 0 ppm	WP99841
hexavalent chromium color reagent	WP99798
0.2N SULFURIC ACID	WP97942
HEX LOD STD, 0.005PPM	WP99843
Calibration Std Hexachrome 0.025 ppm	WP99839
Hexavalent Chromium ICV-LCS Std	WP99842
Calibration and CCV std HexChrome 0.5PPM	WP99836
Calibration std HexChrome 1.0PPM	WP99835

Intercept: -0.001

Slope: 0.7804

Regression: 0.999995

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		1.85	0.000	0.000	0.000	0.001		11/10/2022	09:01
2	CAL2	0.01	1	100	100		1.87	0.000	0.007	0.007	0.010	0	11/10/2022	09:02
3	CAL3	0.025	1	100	100		1.98	0.000	0.018	0.018	0.024	4	11/10/2022	09:03
4	CAL4	0.05	1	100	100		1.82	0.000	0.037	0.037	0.048	4	11/10/2022	09:04
5	CAL5	0.1	1	100	100		1.87	0.000	0.078	0.078	0.101	-1	11/10/2022	09:05
6	CAL6	0.5	1	100	100		2.02	0.000	0.388	0.388	0.498	0.4	11/10/2022	09:06
7	CAL7	1	1	100	100		2.06	0.000	0.780	0.780	1.000	0	11/10/2022	09:07



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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		1.95	0.000	0.388	0.388	0.498	11/10/2022	09:10
2	ICB		1	100	100		2.03	0.000	0.000	0.000	0.001	11/10/2022	09:12
3	CCV1	0.5	1	100	100		2.06	0.000	0.386	0.386	0.496	11/10/2022	09:13
4	CCB1		1	100	100		1.87	0.000	0.000	0.000	0.001	11/10/2022	09:14
5	RL Check	0.01	1	100	100		1.98	0.000	0.007	0.007	0.010	11/10/2022	09:15
6	LB122842BL		1	100	100		2.05	0.000	0.001	0.001	0.003	11/10/2022	09:17
7	LB122842BS	0.5	1	100	100		1.90	0.000	0.384	0.384	0.493	11/10/2022	09:18
8	N4955-12		1	100	100		1.86	0.000	0.004	0.004	0.006	11/10/2022	09:19
9	N5534-01		1	100	100		2.04	0.000	0.001	0.001	0.003	11/10/2022	09:20
10	N5534-01DU		1	100	100		1.85	0.001	0.001	0.000	0.001	11/10/2022	09:21
11	N5534-01MS	1	2	100	100		1.87	0.000	0.385	0.385	0.495	11/10/2022	09:22
12	N5534-01MS	1	2	100	100		1.86	0.000	0.386	0.386	0.496	11/10/2022	09:23
13	N5564-01		1	100	100		1.88	0.002	0.002	0.000	0.001	11/10/2022	09:24
14	N5564-02		1	100	100		2.02	0.002	0.002	0.000	0.001	11/10/2022	09:25
15	CCV2	0.5	1	100	100		1.96	0.000	0.386	0.386	0.496	11/10/2022	09:26
16	CCB2		1	100	100		1.85	0.000	0.000	0.000	0.001	11/10/2022	09:27

WORKLIST(Hardcopy Internal Chain)

LB122842

WorkList Name : Hex-1110

WorkList ID : 164903

Department : Wet-Chemistry

Date : 11-10-2022 08:55:15

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
10/24/2022	Water	N4955-12	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA 01	MDL-WATER-06-QT4-2022	10/03/2022	SM3500-Cr B
11/15/2022	Water	N5534-01	Hexavalent Chromium	Ammonium sul	loui01		B-3(OW)	11/08/2022	SM3500-Cr B
11/16/2022	Water	N5564-01	Hexavalent Chromium	Ammonium sul	loui01		B-4C(OW)	11/09/2022	SM3500-Cr B
11/16/2022	Water	N5564-02	Hexavalent Chromium	Ammonium sul	loui01		B-1(OW)	11/09/2022	SM3500-Cr B

Date/Time

Raw Sample Received by:

Raw Sample Relinquished by:

11/10/22 08:55
ST(WC)
Op(SM)

Date/Time

Raw Sample Received by:

Raw Sample Relinquished by:

11/10/22 10:30
CP(SM)
ST(WC)