



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Sohil

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB122692

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP99704
Calibration Std. hexchrome 0.05 ppm	WP99705
calibration std. hexchrome 0.01 ppm	WP99706
calibration std. hexchrome 0 ppm	WP99708
hexavalent chromium color reagent	WP99678
0.2N SULFURIC ACID	WP97942
HEX LOD STD, 0.005PPM	WP99710
Hex LOQ Std, 0.01PPM	WP99711
Calibration Std Hexachrome 0.025 ppm	WP99707
Hexavalent Chromium ICV-LCS Std	WP99709
Calibration and CCV std HexChrome 0.5PPM	WP99703
Calibration std HexChrome 1.0PPM	WP99702

Intercept: -0.0008

Slope: 0.7802

Regression: 0.999994

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		1.96	0.000	0.000	0.000	0.001		10/31/2022	11:25
2	CAL2	0.01	1	100	100		2.02	0.000	0.008	0.008	0.011	-10	10/31/2022	11:26
3	CAL3	0.025	1	100	100		2.05	0.000	0.018	0.018	0.024	4	10/31/2022	11:27
4	CAL4	0.05	1	100	100		2.01	0.000	0.037	0.037	0.048	4	10/31/2022	11:29
5	CAL5	0.1	1	100	100		1.99	0.000	0.078	0.078	0.101	-1	10/31/2022	11:30
6	CAL6	0.5	1	100	100		1.96	0.000	0.388	0.388	0.498	0.4	10/31/2022	11:31
7	CAL7	1	1	100	100		2.02	0.000	0.780	0.780	1.000	0	10/31/2022	11:32



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Sohil

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB122692

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		1.79	0.000	0.377	0.377	0.484	10/31/2022	11:34
2	ICB		1	100	100		1.85	0.000	0.000	0.000	0.001	10/31/2022	11:35
3	CCV1	0.5	1	100	100		2.06	0.000	0.381	0.381	0.489	10/31/2022	11:36
4	CCB1		1	100	100		2.02	0.000	0.000	0.000	0.001	10/31/2022	11:37
5	RL Check	0.01	1	100	100		1.96	0.000	0.007	0.007	0.010	10/31/2022	11:38
6	LB122692BL		1	100	100		1.85	0.000	0.000	0.000	0.001	10/31/2022	11:39
7	LB122692BS	0.5	1	100	100		1.87	0.000	0.389	0.389	0.500	10/31/2022	11:40
8	N4955-10		1	100	100		1.87	0.000	0.004	0.004	0.006	10/31/2022	11:41
9	N4955-11		1	100	100		1.86	0.000	0.008	0.008	0.011	10/31/2022	11:42
10	N5304-01		1	100	100		2.03	0.000	0.000	0.000	0.001	10/31/2022	11:43
11	N5304-01DU		1	100	100		2.02	0.001	0.001	0.000	0.001	10/31/2022	11:44
12	N5304-01MS	1	2	100	100		2.04	0.000	0.382	0.382	0.491	10/31/2022	11:45
13	N5304-01MS	1	2	100	100		2.06	0.000	0.385	0.385	0.494	10/31/2022	11:46
14	CCV2	0.5	1	100	100		1.96	0.000	0.385	0.385	0.494	10/31/2022	11:47
15	CCB2		1	100	100		1.98	0.000	0.000	0.000	0.001	10/31/2022	11:49

WORKLIST(Hardcopy Internal Chain)

LB 122692

WorkList Name : Hex-SM3500-1031

WorkList ID : 164572

Department : Wet-Chemistry

Date : 10-31-2022 11:16:18

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
10/24/2022	Water	N4955-10	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA OI	LOD-MDL-WATER-04-QT4-2022	10/03/2022	SM3500-Cr B
10/24/2022	Water	N4955-11	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA OI	LOQ-WATER-05-QT4-2022	10/03/2022	SM3500-Cr B
11/08/2022	Water	N5304-01 E	Hexavalent Chromium	Ammonium sul	PSEG03	F11	DEEP-WELL	10/26/2022	SM3500-Cr B

Date/Time 10/31/22 11:20
 Raw Sample Received by: SJ (wc)
 Raw Sample Relinquished by: CJ (SM)

Date/Time 10/31/22 12:15
 Raw Sample Received by: CJ (SM)
 Raw Sample Relinquished by: SJ (wc)