



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Jignesh

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB121799

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP98751
Calibration Std. hexchrome 0.05 ppm	WP98752
calibration std. hexchrome 0.01 ppm	WP98754
calibration std. hexchrome 0 ppm	WP98755
hexavalent chromium color reagent	WP98694
0.2N SULFURIC ACID	WP97942
Calibration Std Hexachrome 0.025 ppm	WP98753
Hexavalent Chromium ICV-LCS Std	WP98756
Calibration and CCV std HexChrome 0.5PPM	WP98750
Calibration std HexChrome 1.0PPM	WP98749

Intercept: -0.0006

Slope: 0.7811

Regression: 0.999997

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		2.15	0.000	0.000	0.000	0.000		08/30/2022	12:02
2	CAL2	0.01	1	100	100		2.36	0.000	0.007	0.007	0.009	10	08/30/2022	12:03
3	CAL3	0.025	1	100	100		2.20	0.000	0.018	0.018	0.023	8	08/30/2022	12:04
4	CAL4	0.05	1	100	100		1.78	0.000	0.038	0.038	0.049	2	08/30/2022	12:05
5	CAL5	0.1	1	100	100		1.92	0.000	0.078	0.078	0.100	0	08/30/2022	12:06
6	CAL6	0.5	1	100	100		2.08	0.000	0.391	0.391	0.501	-0.2	08/30/2022	12:07
7	CAL7	1	1	100	100		1.74	0.000	0.780	0.780	0.999	0.1	08/30/2022	12:08



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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		2.10	0.000	0.379	0.379	0.486	08/30/2022	12:09
2	ICB		1	100	100		1.75	0.000	0.000	0.000	0.001	08/30/2022	12:10
3	CCV1	0.5	1	100	100		1.93	0.000	0.390	0.390	0.500	08/30/2022	12:11
4	CCB1		1	100	100		1.82	0.000	0.000	0.000	0.001	08/30/2022	12:12
5	RL Check	0.01	1	100	100		2.02	0.000	0.007	0.007	0.010	08/30/2022	12:13
6	LB121799BL		1	100	100		2.34	0.000	0.000	0.000	0.001	08/30/2022	12:14
7	LB121799BS	0.5	1	100	100		2.25	0.000	0.387	0.387	0.496	08/30/2022	12:15
8	N4437-01		1	100	100		2.41	0.068	0.068	0.000	0.001	08/30/2022	12:16
9	N4437-02		1	100	100		2.36	0.002	0.002	0.000	0.001	08/30/2022	12:17
10	N4437-02DU		1	100	100		2.19	0.002	0.002	0.000	0.001	08/30/2022	12:18
11	N4437-02MS	1	2	100	100		2.02	0.004	0.384	0.380	0.487	08/30/2022	12:19
12	N4437-02MS	1	2	100	100		2.09	0.004	0.385	0.381	0.489	08/30/2022	12:20
13	CCV2	0.5	1	100	100		1.80	0.000	0.391	0.391	0.501	08/30/2022	12:21
14	CCB2		1	100	100		2.08	0.000	0.000	0.000	0.001	08/30/2022	12:22

WORKLIST(Hardcopy Internal Chain)

LB121799

WorkList Name : HEX-WATER-08-30-2022

WorkList ID : 162770

Department : Wet-Chemistry

Date : 08-30-2022 11:40:26

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
09/12/2022	Water	N4437-01	Hexavalent Chromium	Ammonium sul	TECT01	M11	MW-2-(17)	08/29/2022	SM3500-Cr B
09/12/2022	Water	N4437-02	Hexavalent Chromium	Ammonium sul	TECT01	M11	BASMENT-STAND-PIPE	08/29/2022	SM3500-Cr B

Date/Time

Raw Sample Received by:

Raw Sample Relinquished by:

8/30/2022 11:45
SG (wet chem)
CON (SM)

Date/Time

Raw Sample Received by:

Raw Sample Relinquished by:

8/30/2022 14:00
CON (SM)
SG (wet chem)