



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB124336

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP101281
Calibration Std. hexchrome 0.05 ppm	WP101280
calibration std. hexchrome 0.01 ppm	WP101278
calibration std. hexchrome 0 ppm	WP101277
hexavalent chromium color reagent	WP101197
0.2N SULFURIC ACID	WP100769
Calibration Std Hexachrome 0.025 ppm	WP101279
Hexavalent Chromium ICV-LCS Std	WP101284
Calibration and CCV std HexChrome 0.5PPM	WP101282
Calibration std HexChrome 1.0PPM	WP101283

Intercept: -0.0009

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		2.08	0.000	0.000	0.000	0.001		03/02/2023	11:50
2	CAL2	0.01	1	100	100		1.96	0.000	0.006	0.006	0.008	-20	03/02/2023	11:51
3	CAL3	0.025	1	100	100		1.88	0.000	0.018	0.018	0.024	-4	03/02/2023	11:52
4	CAL4	0.05	1	100	100		1.98	0.000	0.038	0.038	0.049	-2	03/02/2023	11:53
5	CAL5	0.1	1	100	100		2.06	0.000	0.078	0.078	0.101	1	03/02/2023	11:54
6	CAL6	0.5	1	100	100		2.12	0.000	0.390	0.390	0.500	0	03/02/2023	11:55
7	CAL7	1	1	100	100		2.10	0.000	0.780	0.780	0.999	-0.1	03/02/2023	11:56



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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		2.08	0.000	0.391	0.391	0.502	03/02/2023	11:57
2	ICB		1	100	100		2.06	0.000	0.001	0.001	0.002	03/02/2023	11:58
3	CCV1	0.5	1	100	100		2.18	0.000	0.390	0.390	0.500	03/02/2023	11:59
4	CCB1		1	100	100		2.08	0.000	0.001	0.001	0.002	03/02/2023	12:00
5	RL Check	0.01	1	100	100		2.06	0.000	0.009	0.009	0.013	03/02/2023	12:01
6	LB124336BL		1	100	100		1.96	0.000	0.000	0.000	0.001	03/02/2023	12:02
7	LB124336BS	0.5	1	100	100		2.08	0.000	0.398	0.398	0.511	03/02/2023	12:03
8	O1627-12		1	100	100		2.22	0.000	0.004	0.004	0.006	03/02/2023	12:04
9	O1759-01		1	100	100		2.28	0.023	0.023	0.000	0.001	03/02/2023	12:05
10	O1759-01DU		1	100	100		2.26	0.023	0.023	0.000	0.001	03/02/2023	12:06
11	O1759-01MS	1	2	100	100		2.14	0.019	0.371	0.352	0.452	03/02/2023	12:07
12	O1759-01MS	1	2	100	100		2.08	0.019	0.376	0.357	0.458	03/02/2023	12:08
13	O1759-03		1	100	100		2.32	0.037	0.037	0.000	0.001	03/02/2023	12:09
14	CCV2	0.5	1	100	100		2.08	0.000	0.391	0.391	0.502	03/02/2023	12:10
15	CCB2		1	100	100		1.88	0.000	0.001	0.001	0.002	03/02/2023	12:11

WORKLIST(Hardcopy Internal Chain)

66124336

WorkList Name : hex w 3-01

WorkList ID : 167795

Department : Wet-Chemistry

Date : 03-01-2023 15:05:16

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
03/13/2023	Water	O1627-12	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Of	MDL-WATER-06-QT1-2023	02/21/2023	SM3500-Cr B
03/03/2023	Water	O1759-01	Hexavalent Chromium	Ammonium sul	DVIR01	E21	DEP-1	03/01/2023	SM3500-Cr B
03/03/2023	Water	O1759-03	Hexavalent Chromium	Ammonium sul	DVIR01	E21	DEP-2	03/01/2023	SM3500-Cr B

Date/Time 03/02/2023 10:50
 Raw Sample Received by: RM (wec)
 Raw Sample Relinquished by: RDCJ

Date/Time 03/02/2023 10:30
 Raw Sample Received by: RDCJ
 Raw Sample Relinquished by: RM (wec)