



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB124213

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP101138
Calibration Std. hexchrome 0.05 ppm	WP101137
calibration std. hexchrome 0.01 ppm	WP101135
calibration std. hexchrome 0 ppm	WP101134
hexavalent chromium color reagent	WP101071
5N sulfuric acid	WP99758
Calibration Std Hexachrome 0.025 ppm	WP101136
Hexavalent Chromium ICV-LCS Std	WP101141
Calibration and CCV std HexChrome 0.5PPM	WP101139
Calibration std HexChrome 1.0PPM	WP101140

Intercept: -0.0006

Slope: 0.7812

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	0.000		02/23/2023	08:45
2	CAL2	0.01	1	100	100		1.85	0.000	0.006	0.006	0.008	-20	02/23/2023	08:46
3	CAL3	0.025	1	100	100		2.06	0.000	0.018	0.018	0.023	-8	02/23/2023	08:47
4	CAL4	0.05	1	100	100		1.98	0.000	0.038	0.038	0.049	-2	02/23/2023	08:48
5	CAL5	0.1	1	100	100		1.80	0.000	0.079	0.079	0.101	1	02/23/2023	08:49
6	CAL6	0.5	1	100	100		2.10	0.000	0.391	0.391	0.501	0.2	02/23/2023	08:50
7	CAL7	1	1	100	100		1.88	0.000	0.780	0.780	0.999	-0.1	02/23/2023	08:51



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Run Number: LB124213

pH Meter ID: WC pH Meter-1

Seq	Lab ID	True Value	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HNO3	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	0.392	0.392	0.503	02/23/2023	08:52
2	ICB		1	100	100		2.10	0.000	0.001	0.001	0.002	02/23/2023	08:53
3	CCV1	0.5	1	100	100		2.18	0.000	0.391	0.391	0.501	02/23/2023	08:54
4	CCB1		1	100	100		1.96	0.000	0.001	0.001	0.002	02/23/2023	08:55
5	RL Check	0.01	1	100	100		2.08	0.000	0.009	0.009	0.012	02/23/2023	08:56
6	lb124213BL		1	100	100		1.82	0.000	0.001	0.001	0.002	02/23/2023	08:57
7	lb124213BS	0.5	1	100	100		2.14	0.000	0.390	0.390	0.500	02/23/2023	08:58
8	O1627-09		1	100	100		2.08	0.000	0.005	0.005	0.007	02/23/2023	08:59
9	O1657-03		1	100	100		1.88	0.003	0.003	0.000	0.001	02/23/2023	09:00
10	O1657-03DU		1	100	100		1.85	0.002	0.002	0.000	0.001	02/23/2023	09:01
11	O1657-03MS	1	2	100	100		2.08	0.002	0.382	0.380	0.487	02/23/2023	09:02
12	O1657-03MS	1	2	100	100		2.10	0.003	0.389	0.386	0.495	02/23/2023	09:03
13	CCV2	0.5	1	100	100		2.04	0.000	0.391	0.391	0.501	02/23/2023	09:04
14	CCB2		1	100	100		1.82	0.000	0.001	0.001	0.002	02/23/2023	09:05

WORKLIST(Hardcopy Internal Chain)

6124213

WorkList Name : HEX W 2-22

WorkList ID : 167607

Department : Wet-Chemistry

Date : 02-22-2023 16:36:08

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
03/13/2023	Water	O1627-09	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA OI	MDL-WATER-03-QT1-2023	02/21/2023	7196A
03/07/2023	Water	O1657-03	Hexavalent Chromium	Ammonium sul	PORT06	D62	EB-2023-2-22	02/22/2023	7196A

Date/Time 02/22/2023 16:40
 Raw Sample Received by: RM CWS
 Raw Sample Relinquished by: AP(COC)

Date/Time 02/23/2023 09:10
 Raw Sample Received by: AP(COC)
 Raw Sample Relinquished by: RM Cave