



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB123725

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP100687
Calibration Std. hexchrome 0.05 ppm	WP100688
calibration std. hexchrome 0.01 ppm	WP100689
calibration std. hexchrome 0 ppm	WP100690
hexavalent chromium color reagent	WP100691
5N sulfuric acid	WP99758
Hexchrome Cleaning Solution	WP98731
Calibration Std Hexachrome 0.025 ppm	WP100692
Hexavalent Chromium ICV-LCS Std	WP100695
Calibration and CCV std HexChrome 0.5PPM	WP100693
Calibration std HexChrome 1.0PPM	WP100694

Intercept: -0.0008

Slope: 0.7818

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		2.08	0.000	0.000	0.000	0.001		01/18/2023	11:30
2	CAL2	0.01	1	100	100		1.96	0.000	0.006	0.006	0.008	20	01/18/2023	11:31
3	CAL3	0.025	1	100	100		1.88	0.000	0.018	0.018	0.024	4	01/18/2023	11:32
4	CAL4	0.05	1	100	100		2.06	0.000	0.038	0.038	0.049	2	01/18/2023	11:33
5	CAL5	0.1	1	100	100		2.20	0.000	0.079	0.079	0.102	-2	01/18/2023	11:34
6	CAL6	0.5	1	100	100		2.28	0.000	0.390	0.390	0.499	0.2	01/18/2023	11:35
7	CAL7	1	1	100	100		2.16	0.000	0.781	0.781	1	0	01/18/2023	11:36



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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		1.96	0.000	0.392	0.392	0.502	01/18/2023	11:37
2	ICB		1	100	100		2.08	0.000	0.001	0.001	0.002	01/18/2023	11:38
3	CCV1	0.5	1	100	100		2.20	0.000	0.392	0.392	0.502	01/18/2023	11:39
4	CCB1		1	100	100		1.96	0.000	0.001	0.001	0.002	01/18/2023	11:40
5	RL Check	0.01	1	100	100		2.32	0.000	0.007	0.007	0.010	01/18/2023	11:41
6	lb123725BL		1	100	100		1.85	0.000	0.001	0.001	0.002	01/18/2023	11:42
7	lb123725BS	0.5	1	100	100		2.06	0.000	0.391	0.391	0.501	01/18/2023	11:43
8	O1160-02		1	100	100		1.88	0.000	0.000	0.000	0.001	01/18/2023	11:44
9	O1160-02DU		1	100	100		2.14	0.000	0.000	0.000	0.001	01/18/2023	11:45
10	O1160-02MS	1	2	100	100		2.10	0.002	0.416	0.414	0.531	01/18/2023	11:46
11	O1160-02MS	1	2	100	100		1.96	0.001	0.397	0.396	0.508	01/18/2023	11:47
12	CCV2	0.5	1	100	100		1.88	0.000	0.390	0.390	0.500	01/18/2023	11:48
13	CCB2		1	100	100		2.08	0.000	0.001	0.001	0.002	01/18/2023	11:49

WORKLIST(Hardcopy Internal Chain)

66123725

WorkList Name : hex w1-18		WorkList ID : 166671		Department : Wet-Chemistry		Date : 01-18-2023 11:07:11	
Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date Method
01/27/2023	Water	O1160-02	Hexavalent Chromium	Ammonium suli	PORT06	N51	01/13/2023 7196A

Date/Time 01/18/2023 11:10
 Raw Sample Received by: RM CWC
 Raw Sample Relinquished by: JRC

Date/Time 01/18/2023 11:05
 Raw Sample Received by: JRC
 Raw Sample Relinquished by: RM CWC