

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB124397

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP101356
Calibration Std. hexchrome 0.05 ppm	WP101355
calibration std. hexchrome 0.01 ppm	WP101353
calibration std. hexchrome 0 ppm	WP101352
hexavalent chromium color reagent	WP101305
5N sulfuric acid	WP99758
Calibration Std Hexachrome 0.025 ppm	WP101354
Hexavalent Chromium ICV-LCS Std	WP101359
Calibration and CCV std HexChrome 0.5PPM	WP101357
Calibration std HexChrome 1.0PPM	WP101358

Intercept: -0.0007

Slope: 0.7809

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	0.000		03/07/2023	14:40
2	CAL2	0.01	1	100	100		1.96	0.000	0.006	0.006	0.008	-20	03/07/2023	14:41
3	CAL3	0.025	1	100	100		1.98	0.000	0.018	0.018	0.023	-8	03/07/2023	14:42
4	CAL4	0.05	1	100	100		2.04	0.000	0.038	0.038	0.049	-2	03/07/2023	14:43
5	CAL5	0.1	1	100	100		1.96	0.000	0.079	0.079	0.102	2	03/07/2023	14:44
6	CAL6	0.5	1	100	100		2.06	0.000	0.390	0.390	0.500	0	03/07/2023	14:45
7	CAL7	1	1	100	100		1.98	0.000	0.780	0.780	0.999	-0.1	03/07/2023	14:46



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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	0.392	0.392	0.503	03/07/2023	14:47
2	ICB		1	100	100		1.96	0.000	0.001	0.001	0.002	03/07/2023	14:48
3	CCV1	0.5	1	100	100		2.12	0.000	0.391	0.391	0.502	03/07/2023	14:49
4	CCB1		1	100	100		1.98	0.000	0.001	0.001	0.002	03/07/2023	14:50
5	RL Check	0.01	1	100	100		2.10	0.000	0.009	0.009	0.012	03/07/2023	14:51
6	lb124397BL		1	100	100		1.90	0.000	0.001	0.001	0.002	03/07/2023	14:52
7	lb124397BS	0.5	1	100	100		2.14	0.000	0.378	0.378	0.485	03/07/2023	14:53
8	O1832-01		1	100	100		2.20	0.037	0.037	0.000	0.001	03/07/2023	14:54
9	O1832-01DU		1	100	100		2.18	0.037	0.037	0.000	0.001	03/07/2023	14:55
10	O1832-01MS	1	2	100	100		2.20	0.036	0.406	0.370	0.475	03/07/2023	14:56
11	O1832-01MS	1	2	100	100		2.14	0.029	0.396	0.367	0.471	03/07/2023	14:57
12	CCV2	0.5	1	100	100		2.08	0.000	0.393	0.393	0.504	03/07/2023	14:58
13	CCB2		1	100	100		1.96	0.000	0.001	0.001	0.002	03/07/2023	14:59

WORKLIST(Hardcopy Internal Chain)

WorkList Name : hex w3-7

WorkList ID : 167971

Department : Wet-Chemistry

Date : 03-07-2023 13:28:03

26124397

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
03/20/2023	Water	O1832-01	Hexavalent Chromium	Ammonium sul	PORT06	N11	B-19-GW-01	03/05/2023	7196A

Date/Time 03/07/2023 14:00
 Raw Sample Received by: RM CWC
 Raw Sample Relinquished by: RM CWC

Date/Time 03/07/2023 15:10
 Raw Sample Received by: RM CWC
 Raw Sample Relinquished by: RM CWC