



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB125226

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP102227
Calibration Std. hexchrome 0.05 ppm	WP102226
calibration std. hexchrome 0.01 ppm	WP102224
calibration std. hexchrome 0 ppm	WP102223
hexavalent chromium color reagent	WP102139
5N sulfuric acid	WP99758
HEX LOD STD, 0.005PPM	WP102231
Hex LOQ Std, 0.01PPM	WP102232
Calibration Std Hexachrome 0.025 ppm	WP102225
Hexavalent Chromium ICV-LCS Std	WP102230
Calibration and CCV std HexChrome 0.5PPM	WP102228
Calibration std HexChrome 1.0PPM	WP102229

Intercept: -0.0003

Slope: 0.7816

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		1.78	0.000	0.000	0.000	0.000		05/01/2023	09:30
2	CAL2	0.01	1	100	100		1.90	0.000	0.007	0.007	0.009	-10	05/01/2023	09:31
3	CAL3	0.025	1	100	100		1.88	0.000	0.019	0.019	0.024	-4	05/01/2023	09:32
4	CAL4	0.05	1	100	100		1.86	0.000	0.038	0.038	0.049	-2	05/01/2023	09:33
5	CAL5	0.1	1	100	100		1.85	0.000	0.079	0.079	0.101	1	05/01/2023	09:34
6	CAL6	0.5	1	100	100		1.88	0.000	0.391	0.391	0.500	0	05/01/2023	09:35
7	CAL7	1	1	100	100		1.86	0.000	0.781	0.781	0.999	-0.1	05/01/2023	09:36



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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		1.88	0.000	0.390	0.390	0.499	05/01/2023	09:37
2	ICB		1	100	100		1.78	0.000	0.001	0.001	0.002	05/01/2023	09:38
3	CCV1	0.5	1	100	100		1.90	0.000	0.392	0.392	0.502	05/01/2023	09:39
4	CCB1		1	100	100		1.76	0.000	0.001	0.001	0.002	05/01/2023	09:40
5	RL Check	0.01	1	100	100		1.90	0.000	0.008	0.008	0.011	05/01/2023	09:41
6	lb125226BL		1	100	100		1.78	0.000	0.001	0.001	0.002	05/01/2023	09:42
7	lb125226BS	0.5	1	100	100		1.76	0.000	0.406	0.406	0.520	05/01/2023	09:43
8	O2213-07		1	100	100		2.06	0.000	0.004	0.004	0.006	05/01/2023	09:44
9	O2213-08		1	100	100		2.08	0.000	0.007	0.007	0.009	05/01/2023	09:45
10	O2567-03		1	100	100		2.02	0.003	0.003	0.000	0.000	05/01/2023	09:46
11	O2567-03DU		1	100	100		2.02	0.003	0.003	0.000	0.000	05/01/2023	09:47
12	CCV2	0.5	1	100	100		1.92	0.000	0.384	0.384	0.492	05/01/2023	09:48
13	CCB2		1	100	100		1.75	0.000	0.001	0.001	0.002	05/01/2023	09:49

WORKLIST(Hardcopy Internal Chain)

06125226

WorkList Name : hex w 5-01

WorkList ID : 169552

Department : Wet-Chemistry

Date : 05-01-2023 08:25:20

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
04/24/2023	Water	O2213-07	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Of	LOD-MDL-WATER-01-QT2-2023	04/05/2023	7196A
04/24/2023	Water	O2213-08	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Of	LOQ-WATER-02-QT2-2023	04/05/2023	7196A
05/15/2023	Water	O2567-03	Hexavalent Chromium	Ammonium sul	PORT06	M11	EB-2023-29-06	04/29/2023	7196A

Date/Time 05/01/2023 08:30
 Raw Sample Received by: RM CWG
 Raw Sample Relinquished by: JM CWG

Date/Time 05/01/2023 10:00
 Raw Sample Received by: RM CWG
 Raw Sample Relinquished by: RM CWG