



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB125622

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP102608
Calibration Std. hexchrome 0.05 ppm	WP102607
calibration std. hexchrome 0.01 ppm	WP102605
calibration std. hexchrome 0 ppm	WP102604
hexavalent chromium color reagent	WP102535
5N sulfuric acid	WP102263
Calibration Std Hexachrome 0.025 ppm	WP102606
Hexavalent Chromium ICV-LCS Std	WP102611
Calibration and CCV std HexChrome 0.5PPM	WP102609
Calibration std HexChrome 1.0PPM	WP102610

Intercept: -0.0001

Slope: 0.7802

Regression: 0.999998

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		1.80	0.000	0.000	0.000	0.000		05/24/2023	12:20
2	CAL2	0.01	1	100	100		1.90	0.000	0.007	0.007	0.009	-10	05/24/2023	12:21
3	CAL3	0.025	1	100	100		1.88	0.000	0.019	0.019	0.024	-4	05/24/2023	12:22
4	CAL4	0.05	1	100	100		1.86	0.000	0.039	0.039	0.050	0	05/24/2023	12:23
5	CAL5	0.1	1	100	100		1.88	0.000	0.079	0.079	0.101	1	05/24/2023	12:24
6	CAL6	0.5	1	100	100		1.90	0.000	0.390	0.390	0.5	0	05/24/2023	12:25
7	CAL7	1	1	100	100		1.88	0.000	0.780	0.780	0.999	-0.1	05/24/2023	12:26



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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		1.92	0.000	0.391	0.391	0.501	05/24/2023	12:27
2	ICB		1	100	100		1.78	0.000	0.001	0.001	0.001	05/24/2023	12:28
3	CCV1	0.5	1	100	100		1.90	0.000	0.392	0.392	0.503	05/24/2023	12:29
4	CCB1		1	100	100		1.80	0.000	0.001	0.001	0.001	05/24/2023	12:30
5	RL Check	0.01	1	100	100		1.90	0.000	0.009	0.009	0.012	05/24/2023	12:31
6	LB125622BL		1	100	100		1.80	0.000	0.001	0.001	0.001	05/24/2023	12:32
7	LB125622BS	0.5	1	100	100		1.88	0.000	0.392	0.392	0.503	05/24/2023	12:33
8	O2908-13		1	100	100		2.00	0.000	0.000	0.000	0.000	05/24/2023	12:34
9	O2908-13DU		1	100	100		2.02	0.000	0.000	0.000	0.000	05/24/2023	12:35
10	O2908-13MS	1	2	100	100		2.00	0.000	0.294	0.294	0.377	05/24/2023	12:36
11	O2908-13MS	1	2	100	100		2.02	0.000	0.289	0.289	0.371	05/24/2023	12:37
12	CCV2	0.5	1	100	100		1.92	0.000	0.391	0.391	0.501	05/24/2023	12:38
13	CCB2		1	100	100		1.80	0.000	0.001	0.001	0.001	05/24/2023	12:39

WORKLIST(Hardcopy Internal Chain)

LB125622

WorkList Name : hex 5-24

WorkList ID : 170277

Department : Wet-Chemistry

Date : 05-24-2023 08:14:57

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O2908-13	TWP02	Water	Hexavalent Chromium	Ammonium sulfate buffer	loui01	O11	05/23/2023	7196A

Date/Time 05/24/2023 09:00
 Raw Sample Received by: RRM cwe
 Raw Sample Relinquished by: JH Cwe

Date/Time 05/24/2023 09:45
 Raw Sample Received by: JH Cwe
 Raw Sample Relinquished by: RRM Cwe