



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB125672

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP102666
Calibration Std. hexchrome 0.05 ppm	WP102665
calibration std. hexchrome 0.01 ppm	WP102663
calibration std. hexchrome 0 ppm	WP102662
hexavalent chromium color reagent	WP102650
5N sulfuric acid	WP102263
Calibration Std Hexachrome 0.025 ppm	WP102664
Hexavalent Chromium ICV-LCS Std	WP102669
Calibration and CCV std HexChrome 0.5PPM	WP102667
Calibration std HexChrome 1.0PPM	WP102668

Intercept: 0

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		1.81	0.000	0.000	0.000	0		05/26/2023	13:00
2	CAL2	0.01	1	100	100		1.88	0.000	0.007	0.007	0.008	-20	05/26/2023	13:01
3	CAL3	0.025	1	100	100		1.92	0.000	0.019	0.019	0.024	-4	05/26/2023	13:02
4	CAL4	0.05	1	100	100		1.88	0.000	0.039	0.039	0.049	-2	05/26/2023	13:03
5	CAL5	0.1	1	100	100		1.86	0.000	0.080	0.080	0.102	2	05/26/2023	13:04
6	CAL6	0.5	1	100	100		1.90	0.000	0.390	0.390	0.499	-0.2	05/26/2023	13:05
7	CAL7	1	1	100	100		1.88	0.000	0.781	0.781	1.000	0	05/26/2023	13:06



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Run Number: LB125672

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	0.392	0.392	0.502	05/26/2023	13:07
2	ICB		1	100	100		1.82	0.000	0.001	0.001	0.001	05/26/2023	13:08
3	CCV1	0.5	1	100	100		1.90	0.000	0.391	0.391	0.501	05/26/2023	13:09
4	CCB1		1	100	100		1.78	0.000	0.001	0.001	0.001	05/26/2023	13:10
5	RL Check	0.01	1	100	100		1.92	0.000	0.008	0.008	0.010	05/26/2023	13:11
6	LB125672BL		1	100	100		1.80	0.000	0.001	0.001	0.001	05/26/2023	13:12
7	LB125672BS	0.5	1	100	100		1.90	0.000	0.392	0.392	0.502	05/26/2023	13:13
8	O2955-15		1	100	100		2.00	0.000	0.000	0.000	0.000	05/26/2023	13:14
9	O2955-15DU		1	100	100		2.02	0.000	0.000	0.000	0.000	05/26/2023	13:15
10	O2955-15MS	1	2	100	100		2.00	0.000	0.029	0.029	0.037	05/26/2023	13:16
11	O2955-15MS	1	2	100	100		2.02	0.000	0.031	0.031	0.040	05/26/2023	13:17
12	CCV2	0.5	1	100	100		1.92	0.000	0.393	0.393	0.503	05/26/2023	13:18
13	CCB2		1	100	100		1.78	0.000	0.001	0.001	0.001	05/26/2023	13:19

WORKLIST(Hardcopy Internal Chain)

26125672

WorkList Name : hex w5-26 WorkList ID : 170362 Department : Wet-Chemistry Date : 05-26-2023 07:54:42

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O2955-15	TWP05	Water	Hexavalent Chromium	Ammonium sulfate buffer	loui01		05/25/2023	7196A

Date/Time 05/26/2023 10:00
 Raw Sample Received by: RM (WV)
 Raw Sample Relinquished by: 201601

Date/Time 05/26/2023 11:30
 Raw Sample Received by: MOC
 Raw Sample Relinquished by: RM (WV)