



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB127342

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP104240
Calibration Std. hexchrome 0.05 ppm	WP104239
calibration std. hexchrome 0.01 ppm	WP104237
calibration std. hexchrome 0 ppm	WP104236
hexavalent chromium color reagent	WP104244
5N sulfuric acid	WP102263
Calibration Std Hexachrome 0.025 ppm	WP104238
Hexavalent Chromium ICV-LCS Std	WP104243
Calibration and CCV std HexChrome 0.5PPM	WP104241
Calibration std HexChrome 1.0PPM	WP104242

Intercept: 0

Slope: 0.7833

Regression: 0.999996

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		09/18/2023	14:00
2	CAL2	0.01	1	100	100		1.87	0.000	0.007	0.007	0.008	-20	09/18/2023	14:01
3	CAL3	0.025	1	100	100		1.88	0.000	0.019	0.019	0.024	-4	09/18/2023	14:02
4	CAL4	0.05	1	100	100		1.86	0.000	0.039	0.039	0.049	-2	09/18/2023	14:03
5	CAL5	0.1	1	100	100		1.88	0.000	0.080	0.080	0.102	2	09/18/2023	14:04
6	CAL6	0.5	1	100	100		1.91	0.000	0.392	0.392	0.500	0	09/18/2023	14:05
7	CAL7	1	1	100	100		1.87	0.000	0.783	0.783	0.999	-0.1	09/18/2023	14:06



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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		1.92	0.000	0.390	0.390	0.498	09/18/2023	14:07
2	ICB		1	100	100		1.78	0.000	0.001	0.001	0.001	09/18/2023	14:08
3	CCV1	0.5	1	100	100		1.93	0.000	0.393	0.393	0.502	09/18/2023	14:09
4	CCB1		1	100	100		1.80	0.000	0.001	0.001	0.001	09/18/2023	14:10
5	RL Check	0.01	1	100	100		1.91	0.000	0.008	0.008	0.010	09/18/2023	14:11
6	1b127342BL		1	100	100		1.76	0.000	0.001	0.001	0.001	09/18/2023	14:12
7	1b127342BS	0.5	1	100	100		1.91	0.000	0.394	0.394	0.503	09/18/2023	14:13
8	O4491-09		1	100	100		2.00	0.000	0.001	0.001	0.001	09/18/2023	14:14
9	CCV2	0.5	1	100	100		1.94	0.000	0.390	0.390	0.498	09/18/2023	14:15
10	CCB2		1	100	100		1.79	0.000	0.001	0.001	0.001	09/18/2023	14:16

WORKLIST(Hardcopy Internal Chain)

LB127342

WorkList Name : hex w 9* WorkList ID : 173691 Department : Wet-Chemistry Date : 09-18-2023 11:40:40

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O4491-09	FB-9-15	Water	Hexavalent Chromium	Ammonium sulfate buffer	FIRS02	D31	09/15/2023	7196A

Date/Time 09/18/2023 11:40
Raw Sample Received by: RM awc
Raw Sample Relinquished by: 78(wc)

Date/Time 09/18/2023 12:10
Raw Sample Received by: 78(wc)
Raw Sample Relinquished by: RM awc