

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB127293

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP104168
Calibration Std. hexchrome 0.05 ppm	WP104167
calibration std. hexchrome 0.01 ppm	WP104165
calibration std. hexchrome 0 ppm	WP104164
hexavalent chromium color reagent	WP104081
5N sulfuric acid	WP102263
Calibration Std Hexachrome 0.025 ppm	WP104166
Hexavalent Chromium ICV-LCS Std	WP104171
Calibration and CCV std HexChrome 0.5PPM	WP104169
Calibration std HexChrome 1.0PPM	WP104170

Intercept: -0

Slope: 0.7806

Regression: 0.999989

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		09/14/2023	09:50
2	CAL2	0.01	1	100	100		1.87	0.000	0.006	0.006	0.007	-30	09/14/2023	09:51
3	CAL3	0.025	1	100	100		1.88	0.000	0.018	0.018	0.023	-8	09/14/2023	09:52
4	CAL4	0.05	1	100	100		1.86	0.000	0.040	0.040	0.051	2	09/14/2023	09:53
5	CAL5	0.1	1	100	100		1.88	0.000	0.080	0.080	0.102	2	09/14/2023	09:54
6	CAL6	0.5	1	100	100		1.90	0.000	0.391	0.391	0.500	0	09/14/2023	09:55
7	CAL7	1	1	100	100		1.87	0.000	0.780	0.780	0.999	-0.1	09/14/2023	09:56



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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	0.500	09/14/2023	09:57
2	ICB		1	100	100		1.79	0.000	0.001	0.001	0.001	09/14/2023	09:58
3	CCV1	0.5	1	100	100		1.93	0.000	0.393	0.393	0.503	09/14/2023	09:59
4	CCB1		1	100	100		1.80	0.000	0.001	0.001	0.001	09/14/2023	10:00
5	RL Check	0.01	1	100	100		1.90	0.000	0.008	0.008	0.010	09/14/2023	10:01
6	LB127293BL		1	100	100		1.78	0.000	0.001	0.001	0.001	09/14/2023	10:02
7	LB127293BS	0.5	1	100	100		1.91	0.000	0.401	0.401	0.514	09/14/2023	10:03
8	O4436-21		1	100	100		2.00	0.000	0.001	0.001	0.001	09/14/2023	10:04
9	CCV2	0.5	1	100	100		1.94	0.000	0.392	0.392	0.502	09/14/2023	10:05
10	CCB2		1	100	100		1.80	0.000	0.001	0.001	0.001	09/14/2023	10:06

WORKLIST(Hardcopy Internal Chain)

66127293

WorkList Name : hex w 9.13

WorkList ID : 173583

Department : Wet-Chemistry

Date : 09-13-2023 12:26:42

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O4436-21	FB-9-13	Water	Hexavalent Chromium	Ammonium sulfate buffer	FIRS02	D11	09/13/2023	7196A

Date/Time 09/13/2023 18.45
 Raw Sample Received by: Rm
 Raw Sample Relinquished by: 706001

Date/Time 09/13/2023 19.10
 Raw Sample Received by: 706001
 Raw Sample Relinquished by: Rm cws