



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB127309

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP104207
Calibration Std. hexchrome 0.05 ppm	WP104206
calibration std. hexchrome 0.01 ppm	WP104204
calibration std. hexchrome 0 ppm	WP104203
hexavalent chromium color reagent	WP104188
5N sulfuric acid	WP102263
Calibration Std Hexachrome 0.025 ppm	WP104205
Hexavalent Chromium ICV-LCS Std	WP104210
Calibration and CCV std HexChrome 0.5PPM	WP104208
Calibration std HexChrome 1.0PPM	WP104209

Intercept: 0.0003

Slope: 0.7846

Regression: 0.999987

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		1.79	0.000	0.000	0.000	-0.00		09/15/2023	09:50
2	CAL2	0.01	1	100	100		1.86	0.000	0.006	0.006	0.007	-30	09/15/2023	09:51
3	CAL3	0.025	1	100	100		1.87	0.000	0.019	0.019	0.023	-8	09/15/2023	09:52
4	CAL4	0.05	1	100	100		1.86	0.000	0.040	0.040	0.050	0	09/15/2023	09:53
5	CAL5	0.1	1	100	100		1.88	0.000	0.081	0.081	0.102	2	09/15/2023	09:54
6	CAL6	0.5	1	100	100		1.91	0.000	0.394	0.394	0.501	0.2	09/15/2023	09:55
7	CAL7	1	1	100	100		1.87	0.0000	0.784	0.784	0.998	-0.2	09/15/2023	09:56



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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	0.498	09/15/2023	09:57
2	ICB		1	100	100		1.80	0.000	0.001	0.001	0.001	09/15/2023	09:58
3	CCV1	0.5	1	100	100		1.94	0.000	0.393	0.393	0.501	09/15/2023	09:59
4	CCB1		1	100	100		1.80	0.000	0.001	0.001	0.001	09/15/2023	10:00
5	RL Check	0.01	1	100	100		1.91	0.000	0.009	0.009	0.011	09/15/2023	10:01
6	1b127309BL		1	100	100		1.78	0.000	0.001	0.001	0.001	09/15/2023	10:02
7	1b127309BS	0.5	1	100	100		1.92	0.000	0.390	0.390	0.497	09/15/2023	10:03
8	O4453-11		1	100	100		2.00	0.001	0.001	0.000	0.000	09/15/2023	10:04
9	CCV2	0.5	1	100	100		1.93	0.000	0.391	0.391	0.498	09/15/2023	10:05
10	CCB2		1	100	100		1.76	0.000	0.001	0.001	0.001	09/15/2023	10:06

WORKLIST(Hardcopy Internal Chain)

LB127309

WorkList Name : hex w 9-

WorkList ID : 173613

Department : Wet-Chemistry

Date : 09-14-2023 15:10:36

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O4453-11	FB-9-14	Water	Hexavalent Chromium	Ammonium sulfate buffer	FIRS02	N11	09/14/2023	7196A

Date/Time 09/14/2023 19:15
 Raw Sample Received by: RM CWC
 Raw Sample Relinquished by: RM CWC

Date/Time 09/14/2023 19:30
 Raw Sample Received by: RM CWC
 Raw Sample Relinquished by: RM CWC