



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB127240

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP104112
Calibration Std. hexchrome 0.05 ppm	WP104111
calibration std. hexchrome 0.01 ppm	WP104109
calibration std. hexchrome 0 ppm	WP104108
hexavalent chromium color reagent	WP104081
5N sulfuric acid	WP102263
Calibration Std Hexachrome 0.025 ppm	WP104110
Hexavalent Chromium ICV-LCS Std	WP104115
Calibration and CCV std HexChrome 0.5PPM	WP104113
Calibration std HexChrome 1.0PPM	WP104114

Intercept: 0.0004

Slope: 0.7813

Regression: 0.999994

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		1.78	0.000	0.000	0.000	-0.00		09/12/2023	09:30
2	CAL2	0.01	1	100	100		1.86	0.000	0.007	0.007	0.008	-20	09/12/2023	09:31
3	CAL3	0.025	1	100	100		1.88	0.000	0.019	0.019	0.023	-8	09/12/2023	09:32
4	CAL4	0.05	1	100	100		1.88	0.000	0.040	0.040	0.050	0	09/12/2023	09:33
5	CAL5	0.1	1	100	100		1.87	0.000	0.080	0.080	0.101	1	09/12/2023	09:34
6	CAL6	0.5	1	100	100		1.91	0.000	0.392	0.392	0.501	0.2	09/12/2023	09:35
7	CAL7	1	1	100	100		1.87	0.000	0.781	0.781	0.999	-0.1	09/12/2023	09:36



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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		1.91	0.0000	0.390	0.390	0.499	09/12/2023	09:37
2	ICB		1	100	100		1.77	0.000	0.001	0.001	0.001	09/12/2023	09:38
3	CCV1	0.5	1	100	100		1.92	0.000	0.393	0.393	0.502	09/12/2023	09:39
4	CCB1		1	100	100		1.80	0.000	0.001	0.001	0.001	09/12/2023	09:40
5	RL Check	0.01	1	100	100		1.90	0.000	0.008	0.008	0.010	09/12/2023	09:41
6	lb127240BL		1	100	100		1.79	0.000	0.001	0.001	0.001	09/12/2023	09:42
7	lb127240BS	0.5	1	100	100		1.91	0.000	0.401	0.401	0.513	09/12/2023	09:43
8	O4394-11		1	100	100		2.02	0.001	0.001	0.000	-0.001	09/12/2023	09:44
9	O4397-09		1	100	100		2.02	0.001	0.001	0.000	-0.001	09/12/2023	09:45
10	CCV2	0.5	1	100	100		1.93	0.000	0.391	0.391	0.500	09/12/2023	09:46
11	CCB2		1	100	100		1.80	0.000	0.001	0.001	0.001	09/12/2023	09:47

WORKLIST(Hardcopy Internal Chain)

66127240

WorkList Name : HEX W 9-11-

WorkList ID : 173467

Department : Wet-Chemistry

Date : 09-11-2023 13:27:56

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O4394-11	FB9/8	Water	Hexavalent Chromium	Ammonium sulfate buffer	FIRS02	N11	09/08/2023	7196A
O4397-09	FB-9-11	Water	Hexavalent Chromium	Ammonium sulfate buffer	FIRS02	N11	09/11/2023	7196A

Date/Time 09/11/2023 18:50
 Raw Sample Received by: Rm cws
 Raw Sample Relinquished by: JH CWS

Date/Time 09/11/2023 19:00
 Raw Sample Received by: JH CWS
 Raw Sample Relinquished by: JH CWS