

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Iwona

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: jignesh

Run Number: LB132920

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP110174
Calibration Std. hexchrome 0.05 ppm	WP110172
calibration std. hexchrome 0.01 ppm	WP110171
calibration std. hexchrome 0 ppm	WP110170
hexavalent chromium color reagent	WP110108
5N sulfuric acid	WP107791
HNO3 Hex-Chrome, 5M	WP107796
HEX LOD STD, 0.005PPM	WP110179
Hexchrome Cleaning Solution	WP108645
Hex LOQ Std, 0.01PPM	WP110178
Calibration Std Hexachrome 0.025 ppm	WP110173
Hexavalent Chromium ICV-LCS Std	WP110177

Intercept: 0.0006

Slope: 0.7799

Regression: 0.999992

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		10/11/2024	17:10
2	CAL2	0.01	1	100	100		1.88	0.000	0.008	0.008	0.009	-10	10/11/2024	17:11
3	CAL3	0.025	1	100	100		1.90	0.000	0.019	0.019	0.023	-8	10/11/2024	17:12
4	CAL4	0.05	1	100	100		1.91	0.000	0.039	0.039	0.049	-2	10/11/2024	17:13
5	CAL5	0.1	1	100	100		1.88	0.000	0.081	0.081	0.103	3	10/11/2024	17:14
6	CAL6	0.5	1	100	100		1.90	0.000	0.391	0.391	0.500	0	10/11/2024	17:15
7	CAL7	1	1	100	100		1.90	0.000	0.780	0.780	0.999	-0.1	10/11/2024	17:16



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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	0.394	0.394	0.504	10/11/2024	17:17
2	ICB		1	100	100		1.92	0.000	0.001	0.001	0.001	10/11/2024	17:18
3	CCV1	0.5	1	100	100		1.90	0.000	0.390	0.390	0.499	10/11/2024	17:19
4	CCB1		1	100	100		1.74	0.000	0.000	0.000	-0.001	10/11/2024	17:20
5	RL Check	0.01	1	100	100		1.90	0.000	0.009	0.009	0.011	10/11/2024	17:21
6	LB132920BL		1	100	100		1.78	0.000	0.001	0.001	0.001	10/11/2024	17:22
7	LB132920BS	0.5	1	100	100		1.93	0.000	0.393	0.393	0.503	10/11/2024	17:23
8	P4368-07		1	100	100		2.02	0.000	0.004	0.004	0.004	10/11/2024	17:24
9	P4368-08		1	100	100		2.00	0.000	0.008	0.008	0.009	10/11/2024	17:25
10	P4397-04		1	100	100		2.08	0.000	0.000	0.000	-0.001	10/11/2024	17:26
11	P4397-04DU		1	100	100		2.10	0.000	0.000	0.000	-0.001	10/11/2024	17:28
12	P4397-04MS	1	2	100	100		2.10	0.000	0.384	0.384	0.492	10/11/2024	17:29
13	P4397-04MS	1	2	100	100		2.12	0.000	0.387	0.387	0.495	10/11/2024	17:30
14	CCV2	0.5	1	100	100		1.94	0.000	0.394	0.394	0.504	10/11/2024	17:31
15	CCB2		1	100	100		1.80	0.000	0.000	0.000	-0.001	10/11/2024	17:32

WORKLIST(Hardcopy Internal Chain)

LB132920

WorkList Name : hex-101124-2 WorkList ID : 184373 Department : Wet-Chemistry Date : 10-11-2024 15:58:03

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4368-07	LOD-MDL-WATER-01-QT4-202	Water	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Of	10/09/2024	7196A
P4368-08	LOQ-WATER-02-QT4-2024	Water	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Of	10/09/2024	7196A
P4397-04	WB-301-SW	Water	Hexavalent Chromium	Ammonium sulfate buffer	PORT06	K32	10/10/2024	7196A

Date/Time 10/11/24 16:20
Raw Sample Received by: 12(-SC)
Raw Sample Relinquished by: 28(00C)

Date/Time 10/11/24 16:55
Raw Sample Received by: 28(00C)
Raw Sample Relinquished by: 12(-SC)