

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Iwona

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: JIGNESH

Run Number: LB119185

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP95836
Calibration Std. hexchrome 0.05 ppm	WP95831
calibration std. hexchrome 0.01 ppm	WP95832
calibration std. hexchrome 0 ppm	WP95834
hexavalent chromium color reagent	WP95802
5N sulfuric acid	WP93692
Calibration Std Hexachrome 0.025 ppm	WP95833
Hexavalent Chromium ICV-LCS Std	WP95835
Calibration and CCV std HexChrome 0.5PPM	WP95829
Calibration std HexChrome 1.0PPM	WP95828

Intercept: -0.0005

Slope: 0.7819

Regression: 0.999995

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	0.000		03/16/2022	12:10
2	CAL2	0.01	1	100	100		2.05	0.000	0.006	0.006	0.008	20	03/16/2022	12:11
3	CAL3	0.025	1	100	100		2.14	0.000	0.018	0.018	0.023	8	03/16/2022	12:12
4	CAL4	0.05	1	100	100		2.26	0.000	0.039	0.039	0.050	0	03/16/2022	12:13
5	CAL5	0.1	1	100	100		1.96	0.000	0.079	0.079	0.101	-1	03/16/2022	12:14
6	CAL6	0.5	1	100	100		1.84	0.000	0.391	0.391	0.500	0	03/16/2022	12:15
7	CAL7	1	1	100	100		2.04	0.000	0.781	0.781	0.999	0.1	03/16/2022	12:16



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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		2.28	0.000	0.391	0.391	0.501	03/16/2022	12:17
2	ICB		1	100	100		2.14	0.000	0.000	0.000	0.001	03/16/2022	12:18
3	CCV1	0.5	1	100	100		1.96	0.000	0.390	0.390	0.499	03/16/2022	12:19
4	CCB1		1	100	100		1.78	0.000	0.000	0.000	0.001	03/16/2022	12:20
5	RL Check	0.01	1	100	100		2.06	0.000	0.007	0.007	0.010	03/16/2022	12:21
6	LB119185BL		1	100	100		2.41	0.000	0.000	0.000	0.001	03/16/2022	12:22
7	LB119185BS	0.5	1	100	100		1.74	0.000	0.397	0.397	0.508	03/16/2022	12:23
8	N1949-07		1	100	100		2.07	0.000	0.001	0.001	0.002	03/16/2022	12:24
9	CCV2	0.5	1	100	100		2.16	0.000	0.391	0.391	0.501	03/16/2022	12:25
10	CCB2		1	100	100		2.11	0.000	0.000	0.000	0.001	03/16/2022	12:26

WORKLIST(Hardcopy Internal Chain)

C B11P185

WorkList Name : HEX-03162222-2 WorkList ID : 157780 Department : Wet-Chemistry Date : 03-16-2022 11:19:29

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
03/28/2022	Water	N1949-07	Hexavalent Chromium	Ammonium sul	ENTE01	N22	FIELD-BLANK	03/14/2022	7196A

Date/Time 3/16/22 11:40
 Raw Sample Received by: R(vi)
 Raw Sample Relinquished by: SR(WDC)

Date/Time 3/16/22 12:40
 Raw Sample Received by: JR(WDC)
 Raw Sample Relinquished by: JR(WC)