

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB118951

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP95641
Calibration Std. hexchrome 0.05 ppm	WP95642
calibration std. hexchrome 0.01 ppm	WP95643
calibration std. hexchrome 0 ppm	WP95645
hexavalent chromium color reagent	WP95538
0.2N SULFURIC ACID	WP94567
HEX LOD STD, 0.005PPM	WP95647
Calibration Std Hexachrome 0.025 ppm	WP95644
Hexavalent Chromium ICV-LCS Std	WP95646
Calibration and CCV std HexChrome 0.5PPM	WP95640
Calibration std HexChrome 1.0PPM	WP95639

Intercept: 0.0002

Slope: 0.7851

Regression: 0.999996

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		2.15	0.000	0.000	0.000	-0.00		03/02/2022	15:05
2	CAL2	0.01	1	100	100		2.30	0.000	0.007	0.007	0.008	20	03/02/2022	15:06
3	CAL3	0.025	1	100	100		1.88	0.000	0.019	0.019	0.023	8	03/02/2022	15:07
4	CAL4	0.05	1	100	100		1.79	0.000	0.040	0.040	0.050	0	03/02/2022	15:08
5	CAL5	0.1	1	100	100		1.95	0.000	0.080	0.080	0.101	-1	03/02/2022	15:09
6	CAL6	0.5	1	100	100		2.05	0.000	0.393	0.393	0.500	0	03/02/2022	15:10
7	CAL7	1	1	100	100		2.30	0.000	0.785	0.785	0.999	0.1	03/02/2022	15:11



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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		2.08	0.000	0.390	0.390	0.496	03/02/2022	15:15
2	ICB		1	100	100		1.79	0.000	0.000	0.000	0.000	03/02/2022	15:16
3	CCV1	0.5	1	100	100		2.32	0.000	0.391	0.391	0.498	03/02/2022	15:30
4	CCB1		1	100	100		1.79	0.000	0.000	0.000	0.000	03/02/2022	15:31
5	RL Check	0.01	1	100	100		1.95	0.000	0.008	0.008	0.010	03/02/2022	15:32
6	LB118951BL		1	100	100		1.85	0.000	0.001	0.001	0.001	03/02/2022	15:33
7	LB118951BS	0.5	1	100	100		2.10	0.000	0.393	0.393	0.500	03/02/2022	15:34
8	N1645-12		1	100	100		2.28	0.000	0.004	0.004	0.005	03/02/2022	15:35
9	CCV2	0.5	1	100	100		2.14	0.000	0.394	0.394	0.502	03/02/2022	15:36
10	CCB2		1	100	100		2.30	0.000	0.000	0.000	0.000	03/02/2022	15:38

WORKLIST(Hardcopy Internal Chain)

LB 118957

WorkList Name : HEX3222-1 **WorkList ID :** 157325 **Department :** Wet-Chemistry **Date :** 03-02-2022 14:38:03

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
03/14/2022	Water	N1645-12	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Of	MDL-WATER-06-QT1-2022	02/23/2022	SM3500-Cr B

Date/Time _____
Raw Sample Received by: _____
Raw Sample Relinquished by: _____

Date/Time _____
Raw Sample Received by: _____
Raw Sample Relinquished by: _____