

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB113441

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP89880
Calibration Std. hexchrome 0.05 ppm	WP89881
calibration std. hexchrome 0.01 ppm	WP89882
calibration std. hexchrome 0 ppm	WP89884
hexavalent chromium color reagent	WP89774
0.2N SULFURIC ACID	WP88532
Calibration Std Hexachrome 0.025 ppm	WP89883
Hexavalent Chromium ICV-LCS Std	WP89885
Calibration and CCV std HexChrome 0.5PPM	WP89879
Calibration std HexChrome 1.0PPM	WP89878

Intercept: -0.0011

Slope: 0.7813

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		2.23	0.000	0.000	0.000	0.001		03/10/2021	13:10
2	CAL2	0.01	1	100	100		2.14	0.000	0.006	0.006	0.009	10	03/10/2021	13:11
3	CAL3	0.025	1	100	100		2.41	0.000	0.018	0.018	0.024	4	03/10/2021	13:12
4	CAL4	0.05	1	100	100		2.18	0.000	0.037	0.037	0.048	4	03/10/2021	13:13
5	CAL5	0.1	1	100	100		1.96	0.000	0.078	0.078	0.101	-1	03/10/2021	13:14
6	CAL6	0.5	1	100	100		1.88	0.000	0.390	0.390	0.500	0	03/10/2021	13:15
7	CAL7	1	1	100	100		1.79	0.000	0.780	0.780	0.999	0.1	03/10/2021	13:16



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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		2.16	0.000	0.390	0.390	0.501	03/10/2021	13:17
2	ICB		1	100	100		2.08	0.000	0.000	0.000	0.001	03/10/2021	13:18
3	CCV1	0.5	1	100	100		1.88	0.000	0.407	0.407	0.522	03/10/2021	13:19
4	CCB1		1	100	100		1.79	0.000	0.000	0.000	0.001	03/10/2021	13:20
5	1b113441BL		1	100	100		1.98	0.000	0.000	0.000	0.001	03/10/2021	13:21
6	1b113441BS	0.5	1	100	100		2.25	0.000	0.391	0.391	0.502	03/10/2021	13:22
7	M1458-10		1	100	100		2.16	0.000	0.004	0.004	0.007	03/10/2021	13:23
8	M1458-11		1	100	100		2.34	0.000	0.008	0.008	0.012	03/10/2021	13:24
9	M1561-02		1	100	100		1.78	0.000	0.223	0.223	0.287	03/10/2021	13:25
10	CCV2	0.5	1	100	100		1.85	0.000	0.405	0.405	0.520	03/10/2021	13:26
11	CCB2		1	100	100		1.78	0.000	0.000	0.000	0.001	03/10/2021	13:27

WORKLIST(Hardcopy Internal Chain)

LB113441

WorkList Name : HEX31021-1 WorkList ID : 147016 Department : Wet-Chemistry Date : 03-10-2021 10:13:35

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
03/11/2021	Water	M1458-10	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Office	LOD-MDL-WATER-04-QT1-20	02/19/2021	SM3500-Cr B
03/11/2021	Water	M1458-11	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Office	LOQ-WATER-05-QT1-2021	02/19/2021	SM3500-Cr B

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

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