

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB114369

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP90931
Calibration Std. hexchrome 0.05 ppm	WP90936
calibration std. hexchrome 0.01 ppm	WP90932
calibration std. hexchrome 0 ppm	WP90933
hexavalent chromium color reagent	WP90915
0.2N SULFURIC ACID	WP88532
HEX LOD STD, 0.005PPM	WP90937
Calibration Std Hexachrome 0.025 ppm	WP90934
Hexavalent Chromium ICV-LCS Std	WP90935
Calibration and CCV std HexChrome 0.5PPM	WP90930
Calibration std HexChrome 1.0PPM	WP90929

Intercept: -0.0011

Slope: 0.7813

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		2.05	0.000	0.000	0.000	0.001		05/10/2021	15:05
2	CAL2	0.01	1	100	100		1.98	0.000	0.006	0.006	0.009	10	05/10/2021	15:06
3	CAL3	0.025	1	100	100		1.77	0.000	0.017	0.017	0.023	8	05/10/2021	15:07
4	CAL4	0.05	1	100	100		1.82	0.000	0.038	0.038	0.050	0	05/10/2021	15:08
5	CAL5	0.1	1	100	100		2.16	0.000	0.078	0.078	0.101	-1	05/10/2021	15:09
6	CAL6	0.5	1	100	100		2.34	0.000	0.390	0.390	0.500	0	05/10/2021	15:10
7	CAL7	1	1	100	100		1.98	0.000	0.780	0.780	0.999	0.1	05/10/2021	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	0.383	0.383	0.492	05/10/2021	15:12
2	ICB		1	100	100		1.78	0.000	0.000	0.000	0.001	05/10/2021	15:13
3	CCV1	0.5	1	100	100		1.95	0.000	0.386	0.386	0.495	05/10/2021	15:14
4	CCB1		1	100	100		1.82	0.000	0.000	0.000	0.001	05/10/2021	15:15
5	RL Check	0.01	1	100	100		2.09	0.000	0.007	0.007	0.010	05/10/2021	15:16
6	LB114369BL		1	100	100		1.78	0.000	0.000	0.000	0.001	05/10/2021	15:17
7	LB114369BS	0.5	1	100	100		1.85	0.000	0.403	0.403	0.517	05/10/2021	15:18
8	M2262-12		1	100	100		1.92	0.000	0.004	0.004	0.007	05/10/2021	15:19
9	M2352-07		1	100	100		2.16	0.004	0.004	0.000	0.001	05/10/2021	15:20
10	M2352-07DU		1	100	100		2.31	0.003	0.003	0.000	0.001	05/10/2021	15:21
11	M2352-07MS	1	2	100	100		2.25	0.003	0.404	0.401	0.515	05/10/2021	15:22
12	M2352-07MS	1	2	100	100		2.09	0.003	0.403	0.400	0.513	05/10/2021	15:23
13	CCV2	0.5	1	100	100		1.79	0.000	0.385	0.385	0.494	05/10/2021	15:24
14	CCB2		1	100	100		1.93	0.000	0.000	0.000	0.001	05/10/2021	15:25

WORKLIST(Hardcopy Internal Chain)

LB114369

WorkList Name : HEX51021

WorkList ID : 148754

Department : Wet-Chemistry

Date : 05-10-2021 14:34:05

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
05/24/2021	Water	M2262-12	✓ Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Office	MDL-WATER-06-QT2-202	05/03/2021	SM3500-Cr B
05/24/2021	Water	M2352-07	Ⓒ Hexavalent Chromium	Ammonium sul	NEWY17	P21	14B-(1-4)-COMP	05/10/2021	SM3500-Cr B

Date/Time 05/10/21 14:40

Raw Sample Received by: KS (Weber)

Raw Sample Relinquished by: SP (Ces) an

Date/Time 05/10/21 15:30

Raw Sample Received by: SP (Ces) an

Raw Sample Relinquished by: KS (Weber)