

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: jignesh

Run Number: LB120551

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP97199
Calibration Std. hexchrome 0.05 ppm	WP97200
calibration std. hexchrome 0.01 ppm	WP97201
calibration std. hexchrome 0 ppm	WP97203
hexavalent chromium color reagent	WP97135
0.2N SULFURIC ACID	WP94567
Calibration Std Hexachrome 0.025 ppm	WP97202
Hexavalent Chromium ICV-LCS Std	WP97204
Calibration and CCV std HexChrome 0.5PPM	WP97198
Calibration std HexChrome 1.0PPM	WP97197

Intercept: -0.0005

Slope: 0.7805

Regression: 0.999998

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		2.30	0.000	0.000	0.000	0.000		06/07/2022	17:00
2	CAL2	0.01	1	100	100		1.88	0.000	0.008	0.008	0.010	0	06/07/2022	17:01
3	CAL3	0.025	1	100	100		1.79	0.000	0.018	0.018	0.023	8	06/07/2022	17:02
4	CAL4	0.05	1	100	100		1.95	0.000	0.038	0.038	0.049	2	06/07/2022	17:03
5	CAL5	0.1	1	100	100		2.05	0.000	0.078	0.078	0.100	0	06/07/2022	17:04
6	CAL6	0.5	1	100	100		2.19	0.000	0.390	0.390	0.500	0	06/07/2022	17:05
7	CAL7	1	1	100	100		2.08	0.000	0.780	0.780	1	0	06/07/2022	17:06

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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		2.05	0.000	0.388	0.388	0.498	06/07/2022	17:07
2	ICB		1	100	100		1.79	0.000	0.000	0.000	0.001	06/07/2022	17:08
3	CCV1	0.5	1	100	100		1.95	0.000	0.388	0.388	0.498	06/07/2022	17:10
4	CCB1		1	100	100		1.82	0.000	0.000	0.000	0.001	06/07/2022	17:11
5	RL Check	0.01	1	100	100		2.36	0.000	0.008	0.008	0.011	06/07/2022	17:12
6	lb120551BL		1	100	100		2.18	0.000	0.000	0.000	0.001	06/07/2022	17:13
7	lb120551BS	0.5	1	100	100		2.25	0.000	0.392	0.392	0.503	06/07/2022	17:15
8	N3214-10		1	100	100		1.74	0.000	0.004	0.004	0.006	06/07/2022	17:16
9	N3214-11		1	100	100		1.82	0.000	0.006	0.006	0.008	06/07/2022	17:17
10	N3215-01		1	100	100		1.92	0.004	0.004	0.000	0.001	06/07/2022	17:18
11	N3215-01DU		1	100	100		2.30	0.003	0.003	0.000	0.001	06/07/2022	17:19
12	N3215-01MS	1	2	100	100		2.28	0.002	0.398	0.396	0.508	06/07/2022	17:20
13	N3215-01MS	1	2	100	100		2.15	0.003	0.399	0.396	0.508	06/07/2022	17:21
14	CCV2	0.5	1	100	100		2.08	0.000	0.390	0.390	0.500	06/07/2022	17:22
15	CCB2		1	100	100		1.79	0.000	0.000	0.000	0.001	06/07/2022	17:24

WORKLIST(Hardcopy Internal Chain)

LB120551

WorkList Name : HEX6622-1 WorkList ID : 160307 Department : Wet-Chemistry Date : 06-06-2022 17:30:26

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
06/27/2022	Water	N3214-10	✓ Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Of	LOD-MDL-WATER-04-QT2-2022	06/06/2022	SM3500-Cr B
06/27/2022	Water	N3214-11	✓ Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Of	LOQ-WATER-05-QT2-2022	06/06/2022	SM3500-Cr B
06/09/2022	Water	N3215-01	✓ Hexavalent Chromium	Ammonium sul	PSEG03	P11	N48964	06/06/2022	SM3500-Cr B

Date/Time 06/07/22 16:30
 Raw Sample Received by: KS(WC)
 Raw Sample Relinquished by: [Signature]

Date/Time 06/07/22 17:30
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: KS(WC)