

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB120832

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP97613
Calibration Std. hexchrome 0.05 ppm	WP97614
calibration std. hexchrome 0.01 ppm	WP97615
calibration std. hexchrome 0 ppm	WP97616
hexavalent chromium color reagent	WP97558
0.2N SULFURIC ACID	WP94567
Calibration Std Hexachrome 0.025 ppm	WP97618
Hexavalent Chromium ICV-LCS Std	WP97617
Calibration and CCV std HexChrome 0.5PPM	WP97612
Calibration std HexChrome 1.0PPM	WP97611

Intercept: -0.0007

Slope: 0.7808

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		2.10	0.000	0.000	0.000	0.000		06/25/2022	12:15
2	CAL2	0.01	1	100	100		2.32	0.000	0.007	0.007	0.009	10	06/25/2022	12:16
3	CAL3	0.025	1	100	100		1.88	0.000	0.018	0.018	0.023	8	06/25/2022	12:17
4	CAL4	0.05	1	100	100		1.79	0.000	0.038	0.038	0.049	2	06/25/2022	12:18
5	CAL5	0.1	1	100	100		1.95	0.000	0.078	0.078	0.100	0	06/25/2022	12:19
6	CAL6	0.5	1	100	100		1.85	0.000	0.390	0.390	0.500	0	06/25/2022	12:20
7	CAL7	1	1	100	100		2.05	0.000	0.780	0.780	0.999	0.1	06/25/2022	12:21



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pH Meter ID: WC pH Meter-1

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		2.15	0.000	0.390	0.390	0.500	06/25/2022	12:25
2	ICB		1	100	100		2.25	0.000	0.000	0.000	0.001	06/25/2022	12:26
3	CCV1	0.5	1	100	100		2.30	0.000	0.389	0.389	0.499	06/25/2022	12:27
4	CCB1		1	100	100		1.79	0.000	0.001	0.001	0.002	06/25/2022	12:28
5	RL Check	0.01	1	100	100		1.95	0.000	0.008	0.008	0.011	06/25/2022	12:30
6	lb120832BL		1	100	100		1.82	0.000	0.002	0.002	0.003	06/25/2022	12:32
7	lb120832BS	0.5	1	100	100		2.08	0.000	0.392	0.392	0.503	06/25/2022	12:33
8	N3214-12		1	100	100		2.14	0.000	0.004	0.004	0.006	06/25/2022	12:34
9	N3438-01		1	100	100		2.35	0.000	0.001	0.001	0.002	06/25/2022	12:35
10	N3438-01DU		1	100	100		2.20	0.000	0.000	0.000	0.001	06/25/2022	12:36
11	N3438-01MS	1	2	100	100		1.74	0.001	0.392	0.391	0.502	06/25/2022	12:37
12	N3438-01MS	1	2	100	100		1.96	0.000	0.390	0.390	0.500	06/25/2022	12:38
13	CCV2	0.5	1	100	100		1.85	0.000	0.391	0.391	0.502	06/25/2022	12:39
14	CCB2		1	100	100		2.30	0.000	0.001	0.001	0.002	06/25/2022	12:40

WORKLIST(Hardcopy Internal Chain)

LB120832

WorkList Name : HEX62522-1 WorkList ID : 160867 Department : Wet-Chemistry Date : 06-25-2022 09:42:06

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
06/27/2022	Water	N3214-12	✓ Hexavalent Chromium	Cool 4 deg C	CHEM02	QA 01	MDL-WATER-06-QT2-2022	06/06/2022	SM3500-Cr B
06/27/2022	Water	N3438-01	✗ Hexavalent Chromium	Ammonium sul	PSEG03	D11	FRAC-TANK-N47935	06/22/2022	SM3500-Cr B

Date/Time 06/25/22 10:30
 Raw Sample Received by: KS(WC)
 Raw Sample Relinquished by: Gary (WC)

Date/Time 06/25/22 12:50
 Raw Sample Received by: Gary (WC)
 Raw Sample Relinquished by: KS(WC)