

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB120091

pH Meter ID:

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP96706
Calibration Std. hexchrome 0.05 ppm	WP96707
calibration std. hexchrome 0.01 ppm	WP96708
calibration std. hexchrome 0 ppm	WP96710
hexavalent chromium color reagent	WP96712
0.2N SULFURIC ACID	WP94567
Calibration Std Hexachrome 0.025 ppm	WP96709
Hexavalent Chromium ICV-LCS Std	WP96711
Calibration and CCV std HexChrome 0.5PPM	WP96705
Calibration std HexChrome 1.0PPM	WP96704

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		2.15	0.000	0.000	0.000	0.000		05/10/2022	11:40
2	CAL2	0.01	1	100	100		1.88	0.000	0.007	0.007	0.009	10	05/10/2022	11:41
3	CAL3	0.025	1	100	100		1.79	0.000	0.018	0.018	0.023	8	05/10/2022	11:42
4	CAL4	0.05	1	100	100		1.95	0.000	0.038	0.038	0.049	2	05/10/2022	11:43
5	CAL5	0.1	1	100	100		2.08	0.000	0.078	0.078	0.100	0	05/10/2022	11:44
6	CAL6	0.5	1	100	100		1.88	0.000	0.390	0.390	0.500	0	05/10/2022	11:45
7	CAL7	1	1	100	100		2.34	0.000	0.780	0.780	0.999	0.1	05/10/2022	11:46

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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		1.79	0.000	0.390	0.390	0.500	05/10/2022	11:50
2	ICB		1	100	100		2.08	0.000	0.000	0.000	0.001	05/10/2022	11:51
3	CCV1	0.5	1	100	100		1.95	0.000	0.379	0.379	0.486	05/10/2022	11:52
4	CCB1		1	100	100		2.30	0.000	0.000	0.000	0.001	05/10/2022	11:53
5	RL Check	0.01	1	100	100		2.25	0.000	0.008	0.008	0.011	05/10/2022	11:54
6	lb120091BL		1	100	100		2.14	0.000	0.000	0.000	0.001	05/10/2022	11:55
7	lb120091BS	0.5	1	100	100		1.79	0.000	0.404	0.404	0.518	05/10/2022	11:56
8	N2741-01		1	100	100		1.95	0.001	0.001	0.000	0.001	05/10/2022	11:57
9	N2761-01		1	100	100		1.82	0.002	0.002	0.000	0.001	05/10/2022	11:58
10	N2761-01DU		1	100	100		1.72	0.001	0.001	0.000	0.001	05/10/2022	11:59
11	N2761-01MS	1	2	100	100		2.09	0.001	0.403	0.402	0.516	05/10/2022	12:00
12	N2761-01MS	1	2	100	100		1.75	0.001	0.404	0.403	0.517	05/10/2022	12:02
13	N2761-02		1	100	100		1.92	0.002	0.002	0.000	0.001	05/10/2022	12:03
14	CCV2	0.5	1	100	100		2.06	0.000	0.389	0.389	0.499	05/10/2022	12:04
15	CCB2		1	100	100		1.88	0.000	0.000	0.000	0.001	05/10/2022	12:05

WORKLIST(Hardcopy Internal Chain)

LB120091

WorkList Name : hex51022-1 WorkList ID : 159445 Department : Wet-Chemistry Date : 05-10-2022 09:21:40

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
05/13/2022	Water	N2741-01	Hexavalent Chromium	Ammonium sul	loui01	TWP01		05/06/2022	SM3500-Cr B
05/16/2022	Water	N2761-01	Hexavalent Chromium	Ammonium sul	loui01	K32	TWP04	05/09/2022	SM3500-Cr B
05/16/2022	Water	N2761-02	Hexavalent Chromium	Ammonium sul	loui01	K32	TWP05	05/09/2022	SM3500-Cr B

Date/Time 05/10/22 11:15
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: KS (WC)

Date/Time 05/10/22 12:15
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: KS (WC)