

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB120504

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP97139
Calibration Std. hexchrome 0.05 ppm	WP97140
calibration std. hexchrome 0.01 ppm	WP97141
calibration std. hexchrome 0 ppm	WP97143
hexavalent chromium color reagent	WP97135
0.2N SULFURIC ACID	WP94567
Calibration Std Hexachrome 0.025 ppm	WP97142
Hexavalent Chromium ICV-LCS Std	WP97144
Calibration and CCV std HexChrome 0.5PPM	WP97138
Calibration std HexChrome 1.0PPM	WP97137

Intercept: -0.0007

Slope: 0.7817

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		2.35	0.000	0.000	0.000	0.000		06/04/2022	15:00
2	CAL2	0.01	1	100	100		2.16	0.000	0.007	0.007	0.009	10	06/04/2022	15:02
3	CAL3	0.025	1	100	100		2.25	0.000	0.018	0.018	0.023	8	06/04/2022	15:03
4	CAL4	0.05	1	100	100		1.88	0.000	0.038	0.038	0.049	2	06/04/2022	15:04
5	CAL5	0.1	1	100	100		1.79	0.000	0.078	0.078	0.100	0	06/04/2022	15:05
6	CAL6	0.5	1	100	100		1.92	0.000	0.390	0.390	0.499	0.2	06/04/2022	15:06
7	CAL7	1	1	100	100		2.30	0.000	0.781	0.781	1	0	06/04/2022	15:07



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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	06/04/2022	15:10
2	ICB		1	100	100		2.36	0.000	0.000	0.000	0.001	06/04/2022	15:11
3	CCV1	0.5	1	100	100		1.79	0.000	0.392	0.392	0.502	06/04/2022	15:12
4	CCB1		1	100	100		1.95	0.000	0.000	0.000	0.001	06/04/2022	15:13
5	RL Check	0.01	1	100	100		1.82	0.000	0.008	0.008	0.011	06/04/2022	15:15
6	LB120504BL		1	100	100		2.08	0.000	0.000	0.000	0.001	06/04/2022	15:16
7	LB120504BS	0.5	1	100	100		2.30	0.000	0.401	0.401	0.514	06/04/2022	15:17
8	N3157-07		1	100	100		2.15	0.005	0.005	0.000	0.001	06/04/2022	15:18
9	N3157-07DU		1	100	100		2.28	0.004	0.005	0.001	0.002	06/04/2022	15:19
10	N3157-07MS	1	2	100	100		1.79	0.003	0.355	0.352	0.451	06/04/2022	15:20
11	N3157-07MS	1	2	100	100		1.92	0.005	0.356	0.351	0.450	06/04/2022	15:21
12	N3172-07		1	100	100		2.08	0.007	0.007	0.000	0.001	06/04/2022	15:22
13	N3198-07		1	100	100		2.20	0.006	0.006	0.000	0.001	06/04/2022	15:23
14	CCV2	0.5	1	100	100		1.79	0.000	0.395	0.395	0.506	06/04/2022	15:24
15	CCB2		1	100	100		1.96	0.000	0.000	0.000	0.001	06/04/2022	15:25

WORKLIST(Hardcopy Internal Chain)

LB 120504

WorkList Name : hex6322-1 WorkList ID : 160196 Department : Wet-Chemistry Date : 06-02-2022 17:27:29

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
06/14/2022	Water	N3157-07	C Hexavalent Chromium	Cool 4 deg C	NEWY17	N11	14B-(1-4)-COMP	06/01/2022	SM3500-Cr B
06/16/2022	Water	N3172-07	A Hexavalent Chromium	Cool 4 deg C	NEWY17	N11	14B-(1-4)COMP	06/02/2022	SM3500-Cr B
06/17/2022	Water	N3198-07	C Hexavalent Chromium	Cool 4 deg C	NEWY17	P11	14B-(1-4)COMP	06/03/2022	SM3500-Cr B

Date/Time 06/04/22 13:30
 Raw Sample Received by: KS(WC)
 Raw Sample Relinquished by: KS(WC)

Date/Time 06/04/22 15:30
 Raw Sample Received by: KS(WC)
 Raw Sample Relinquished by: KS(WC)