

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB116092

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP92746
Calibration Std. hexchrome 0.05 ppm	WP92747
calibration std. hexchrome 0.01 ppm	WP92748
calibration std. hexchrome 0 ppm	WP92749
hexavalent chromium color reagent	WP92730
0.2N SULFURIC ACID	WP91740
Calibration Std Hexachrome 0.025 ppm	WP92751
Hexavalent Chromium ICV-LCS Std	WP92750
Calibration and CCV std HexChrome 0.5PPM	WP92745
Calibration std HexChrome 1.0PPM	WP92744

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		2.35	0.000	0.000	0.000	0.001		08/31/2021	14:40
2	CAL2	0.01	1	100	100		2.16	0.000	0.006	0.006	0.009	10	08/31/2021	14:41
3	CAL3	0.025	1	100	100		2.25	0.000	0.017	0.017	0.023	8	08/31/2021	14:42
4	CAL4	0.05	1	100	100		1.95	0.000	0.038	0.038	0.050	0	08/31/2021	14:43
5	CAL5	0.1	1	100	100		1.75	0.000	0.078	0.078	0.101	-1	08/31/2021	14:44
6	CAL6	0.5	1	100	100		1.80	0.000	0.390	0.390	0.500	0	08/31/2021	14:45
7	CAL7	1	1	100	100		2.09	0.000	0.780	0.780	0.999	0.1	08/31/2021	14:46



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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		2.05	0.000	0.388	0.388	0.498	08/31/2021	14:50
2	ICB		1	100	100		1.88	0.000	0.000	0.000	0.001	08/31/2021	14:50
3	CCV1	0.5	1	100	100		1.92	0.000	0.380	0.380	0.488	08/31/2021	14:51
4	CCB1		1	100	100		1.74	0.000	0.000	0.000	0.001	08/31/2021	14:52
5	RL Check	0.01	1	100	100		2.34	0.000	0.008	0.008	0.012	08/31/2021	14:53
6	LB116092BL		1	100	100		2.15	0.000	0.000	0.000	0.001	08/31/2021	14:54
7	LB116092BS	0.5	1	100	100		2.20	0.000	0.419	0.419	0.538	08/31/2021	14:55
8	M3610-01		1	100	100		2.09	0.005	0.005	0.000	0.001	08/31/2021	14:56
9	M3610-02		1	100	100		1.96	0.002	0.002	0.000	0.001	08/31/2021	14:57
10	M3610-02DU		1	100	100		1.72	0.001	0.001	0.000	0.001	08/31/2021	14:58
11	M3610-02MS	1	2	100	100		1.80	0.001	0.410	0.409	0.525	08/31/2021	14:59
12	M3610-02MS	1	2	100	100		2.34	0.002	0.411	0.409	0.525	08/31/2021	15:00
13	CCV2	0.5	1	100	100		2.16	0.000	0.389	0.389	0.499	08/31/2021	15:01
14	CCB2		1	100	100		2.26	0.000	0.000	0.000	0.001	08/31/2021	15:02

WORKLIST(Hardcopy Internal Chain)

LB116092

WorkList Name : HEX83121-1 WorkList ID : 151909 Department : Wet-Chemistry Date : 08-31-2021 14:05:29

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
09/03/2021	Water	M3610-01	Hexavalent Chromium	Ammonium sul	DIST01	D11	YORK-ST-MH-1	08/31/2021	SM3500-Cr B
09/03/2021	Water	M3610-02	Hexavalent Chromium	Ammonium sul	DIST01	D11	YORK-ST-MH-2	08/31/2021	SM3500-Cr B

Date/Time 08/31/21 14:10
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: KS (WC)

Date/Time 08/31/21 15:05
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: KS (WC)