

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB116131

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP92780
Calibration Std. hexchrome 0.05 ppm	WP92781
calibration std. hexchrome 0.01 ppm	WP92782
calibration std. hexchrome 0 ppm	WP92783
hexavalent chromium color reagent	WP92730
0.2N SULFURIC ACID	WP91740
Calibration Std Hexachrome 0.025 ppm	WP92785
Hexavalent Chromium ICV-LCS Std	WP92784
Calibration and CCV std HexChrome 0.5PPM	WP92779
Calibration std HexChrome 1.0PPM	WP92778

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		2.09	0.000	0.000	0.000	0.001		09/02/2021	16:50
2	CAL2	0.01	1	100	100		1.88	0.000	0.006	0.006	0.009	10	09/02/2021	16:51
3	CAL3	0.025	1	100	100		1.95	0.000	0.017	0.017	0.023	8	09/02/2021	16:52
4	CAL4	0.05	1	100	100		1.74	0.000	0.038	0.038	0.050	0	09/02/2021	16:53
5	CAL5	0.1	1	100	100		2.34	0.000	0.078	0.078	0.101	-1	09/02/2021	16:54
6	CAL6	0.5	1	100	100		2.15	0.000	0.390	0.390	0.500	0	09/02/2021	16:55
7	CAL7	1	1	100	100		2.09	0.000	0.780	0.780	0.999	0.1	09/02/2021	16:56



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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		2.10	0.000	0.390	0.390	0.501	09/02/2021	16:57
2	ICB		1	100	100		1.89	0.000	0.000	0.000	0.001	09/02/2021	16:58
3	CCV1	0.5	1	100	100		1.78	0.000	0.385	0.385	0.494	09/02/2021	16:59
4	CCB1		1	100	100		2.13	0.000	0.000	0.000	0.001	09/02/2021	17:00
5	RL Check	0.01	1	100	100		2.35	0.000	0.008	0.008	0.012	09/02/2021	17:01
6	LB116131BL		1	100	100		2.09	0.000	0.000	0.000	0.001	09/02/2021	17:02
7	LB116131BS	0.5	1	100	100		2.10	0.000	0.408	0.408	0.524	09/02/2021	17:03
8	M3644-02		1	100	100		2.25	0.000	0.000	0.000	0.001	09/02/2021	17:04
9	M3644-02DU		1	100	100		1.89	0.000	0.000	0.000	0.001	09/02/2021	17:05
10	M3644-02MS	1	2	100	100		1.78	0.000	0.405	0.405	0.520	09/02/2021	17:06
11	M3644-02MS	1	2	100	100		1.85	0.000	0.406	0.406	0.521	09/02/2021	17:07
12	M3644-04		1	100	100		2.08	0.000	0.000	0.000	0.001	09/02/2021	17:08
13	CCV2	0.5	1	100	100		1.78	0.000	0.388	0.388	0.498	09/02/2021	17:09
14	CCB2		1	100	100		1.95	0.000	0.000	0.000	0.001	09/02/2021	17:10

WORKLIST(Hardcopy Internal Chain)

LB 116131

WorkList Name : hex9221 WorkList ID : 151968 Department : Wet-Chemistry Date : 09-02-2021 14:56:16

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
09/16/2021	Water	M3644-02	Hexavalent Chromium	Ammonium sul	ENTE01	D11	191-0902-W	09/02/2021	SM3500-Cr B
09/16/2021	Water	M3644-04	Hexavalent Chromium	Ammonium sul	ENTE01	D11	191-0902-DUP	09/02/2021	SM3500-Cr B

Date/Time 09/02/21 16:35
Raw Sample Received by: KS (WC)
Raw Sample Relinquished by: BH(Dig Lab)

Date/Time 09/02/21 17:15
Raw Sample Received by: BH(Dig Lab)
Raw Sample Relinquished by: KS (WC)