

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB117162

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP93716
Calibration Std. hexchrome 0.05 ppm	WP93717
calibration std. hexchrome 0.01 ppm	WP93718
calibration std. hexchrome 0 ppm	WP93720
hexavalent chromium color reagent	WP93697
0.2N SULFURIC ACID	WP91740
Calibration Std Hexachrome 0.025 ppm	WP93719
Hexavalent Chromium ICV-LCS Std	WP93721
Calibration and CCV std HexChrome 0.5PPM	WP93715
Calibration std HexChrome 1.0PPM	WP93714

Intercept: -0.0005

Slope: 0.783

Regression: 0.999996

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		2.08	0.000	0.000	0.000	0.000		11/03/2021	14:50
2	CAL2	0.01	1	100	100		2.15	0.000	0.007	0.007	0.009	10	11/03/2021	14:51
3	CAL3	0.025	1	100	100		2.30	0.000	0.018	0.018	0.023	8	11/03/2021	14:52
4	CAL4	0.05	1	100	100		1.88	0.000	0.038	0.038	0.049	2	11/03/2021	14:53
5	CAL5	0.1	1	100	100		1.74	0.000	0.079	0.079	0.101	-1	11/03/2021	14:54
6	CAL6	0.5	1	100	100		1.95	0.000	0.392	0.392	0.501	-0.2	11/03/2021	14:55
7	CAL7	1	1	100	100		2.18	0.000	0.782	0.782	0.999	0.1	11/03/2021	14:56



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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		2.05	0.000	0.390	0.390	0.499	11/03/2021	15:00
2	ICB		1	100	100		1.88	0.000	0.000	0.000	0.001	11/03/2021	15:01
3	CCV1	0.5	1	100	100		1.95	0.000	0.389	0.389	0.497	11/03/2021	15:02
4	CCB1		1	100	100		1.74	0.000	0.000	0.000	0.001	11/03/2021	15:03
5	RL Check	0.01	1	100	100		2.16	0.000	0.008	0.008	0.011	11/03/2021	15:05
6	LB117162BL		1	100	100		2.34	0.000	0.000	0.000	0.001	11/03/2021	15:06
7	LB117162BS	0.5	1	100	100		2.26	0.000	0.390	0.390	0.499	11/03/2021	15:07
8	M4478-01		1	100	100		2.14	0.000	0.000	0.000	0.001	11/03/2021	15:08
9	M4478-01DU		1	100	100		2.34	0.000	0.000	0.000	0.001	11/03/2021	15:09
10	M4478-01MS	1	2	100	100		2.20	0.000	0.378	0.378	0.483	11/03/2021	15:10
11	M4478-01MS	1	2	100	100		1.85	0.000	0.380	0.380	0.486	11/03/2021	15:12
12	CCV2	0.5	1	100	100		1.90	0.000	0.388	0.388	0.496	11/03/2021	15:13
13	CCB2		1	100	100		1.74	0.000	0.000	0.000	0.001	11/03/2021	15:15

WORKLIST(Hardcopy Internal Chain)

WorkList Name : HEX11321-1 WorkList ID : 153928 Department : Wet-Chemistry Date : 11-03-2021 14:29:53

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
11/10/2021	Water	M4478-01	Hexavalent Chromium	Ammonium sul	loui01	L11	TWP02	11/02/2021	SM3500-Cr B

Date/Time 11/03/21 14:35
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: JP (WC)

Date/Time 11/03/21 14:55
 Raw Sample Received by: JP (WC)
 Raw Sample Relinquished by: KS (WC)

LB 117162