



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB114130

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP90667
Calibration Std. hexchrome 0.05 ppm	WP90668
calibration std. hexchrome 0.01 ppm	WP90669
calibration std. hexchrome 0 ppm	WP90670
hexavalent chromium color reagent	WP90564
0.2N SULFURIC ACID	WP88532
Calibration Std Hexachrome 0.025 ppm	WP90671
Hexavalent Chromium ICV-LCS Std	WP90672
Calibration and CCV std HexChrome 0.5PPM	WP90666
Calibration std HexChrome 1.0PPM	WP90665

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		2.08	0.000	0.000	0.000	0.001		04/23/2021	13:15
2	CAL2	0.01	1	100	100		1.78	0.000	0.006	0.006	0.009	10	04/23/2021	13:15
3	CAL3	0.025	1	100	100		1.89	0.000	0.017	0.017	0.023	8	04/23/2021	13:16
4	CAL4	0.05	1	100	100		1.95	0.000	0.038	0.038	0.050	0	04/23/2021	13:16
5	CAL5	0.1	1	100	100		2.14	0.000	0.078	0.078	0.101	-1	04/23/2021	13:17
6	CAL6	0.5	1	100	100		2.26	0.000	0.390	0.390	0.500	0	04/23/2021	13:18
7	CAL7	1	1	100	100		2.31	0.000	0.780	0.780	0.999	0.1	04/23/2021	13:19



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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	0.384	0.384	0.493	04/23/2021	13:20
2	ICB		1	100	100		2.09	0.000	0.000	0.000	0.001	04/23/2021	13:21
3	CCV1	0.5	1	100	100		2.34	0.000	0.382	0.382	0.490	04/23/2021	13:22
4	CCB1		1	100	100		2.25	0.000	0.000	0.000	0.001	04/23/2021	13:23
5	RL Check	0.01	1	100	100		2.14	0.000	0.007	0.007	0.010	04/23/2021	13:24
6	LB114130BL		1	100	100		1.98	0.000	0.000	0.000	0.001	04/23/2021	13:25
7	LB114130BS	0.5	1	100	100		1.78	0.000	0.410	0.410	0.526	04/23/2021	13:26
8	M2150-01		1	100	100		1.85	0.001	0.001	0.000	0.001	04/23/2021	13:27
9	M2150-01DU		1	100	100		2.08	0.000	0.000	0.000	0.001	04/23/2021	13:28
10	M2150-01MS	1	2	100	100		2.15	0.000	0.370	0.370	0.475	04/23/2021	13:29
11	M2150-01MS	1	2	100	100		2.34	0.000	0.369	0.369	0.474	04/23/2021	13:30
12	M2150-04		1	100	100		2.09	0.003	0.003	0.000	0.001	04/23/2021	13:31
13	CCV2	0.5	1	100	100		1.78	0.000	0.384	0.384	0.493	04/23/2021	13:32
14	CCB2		1	100	100		1.98	0.000	0.000	0.000	0.001	04/23/2021	13:33

WORKLIST(Hardcopy Internal Chain)

LB 114130

WorkList Name : HEX42321

WorkList ID : 148325

Department : Wet-Chemistry

Date : 04-23-2021 12:17:37

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
04/29/2021	Water	M2150-01	Hexavalent Chromium	Ammonium sul	LIRO01	P12	TWP-20	04/22/2021	SM3500-Cr B
04/29/2021	Water	M2150-04	Hexavalent Chromium	Ammonium sul	LIRO01	P12	TWP-40	04/22/2021	SM3500-Cr B

Date/Time 04/23/21 12:25
 Raw Sample Received by: KS (wetcher)
 Raw Sample Relinquished by: AM (wrt-chem)

Date/Time 04/23/21 13:40
 Raw Sample Received by: AM (wrt-chem)
 Raw Sample Relinquished by: KS (wetcher)