

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB114258

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP90782
Calibration Std. hexchrome 0.05 ppm	WP90777
calibration std. hexchrome 0.01 ppm	WP90778
calibration std. hexchrome 0 ppm	WP90780
hexavalent chromium color reagent	WP90783
0.2N SULFURIC ACID	WP88532
Calibration Std Hexachrome 0.025 ppm	WP90779
Hexavalent Chromium ICV-LCS Std	WP90781
Calibration and CCV std HexChrome 0.5PPM	WP90776
Calibration std HexChrome 1.0PPM	WP90775

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		2.05	0.000	0.000	0.000	0.001		05/03/2021	17:15
2	CAL2	0.01	1	100	100		1.98	0.000	0.006	0.006	0.009	10	05/03/2021	17:15
3	CAL3	0.025	1	100	100		1.88	0.000	0.017	0.017	0.023	8	05/03/2021	17:16
4	CAL4	0.05	1	100	100		1.78	0.000	0.038	0.038	0.050	0	05/03/2021	17:17
5	CAL5	0.1	1	100	100		2.34	0.000	0.078	0.078	0.101	-1	05/03/2021	17:18
6	CAL6	0.5	1	100	100		2.15	0.000	0.390	0.390	0.500	0	05/03/2021	17:18
7	CAL7	1	1	100	100		2.08	0.000	0.780	0.780	0.999	0.1	05/03/2021	17:19



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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		2.06	0.000	0.385	0.385	0.494	05/03/2021	17:20
2	ICB		1	100	100		1.89	0.000	0.000	0.000	0.001	05/03/2021	17:20
3	CCV1	0.5	1	100	100		1.78	0.000	0.386	0.386	0.495	05/03/2021	17:21
4	CCB1		1	100	100		2.08	0.000	0.000	0.000	0.001	05/03/2021	17:21
5	RL Check	0.01	1	100	100		2.15	0.000	0.007	0.007	0.010	05/03/2021	17:22
6	lb114258BL		1	100	100		2.34	0.000	0.000	0.000	0.001	05/03/2021	17:22
7	lb114258BS	0.5	1	100	100		2.17	0.000	0.390	0.390	0.501	05/03/2021	17:23
8	M2257-07		1	100	100		1.87	0.000	0.000	0.000	0.001	05/03/2021	17:24
9	M2257-07DU		1	100	100		1.98	0.000	0.000	0.000	0.001	05/03/2021	17:24
10	M2257-07MS	1	2	100	100		1.85	0.000	0.385	0.385	0.494	05/03/2021	17:25
11	M2257-07MS	1	2	100	100		2.09	0.000	0.387	0.387	0.497	05/03/2021	17:26
12	CCV2	0.5	1	100	100		2.17	0.000	0.387	0.387	0.497	05/03/2021	17:27
13	CCB2		1	100	100		2.08	0.000	0.000	0.000	0.001	05/03/2021	17:28

WORKLIST(Hardcopy Internal Chain)

WorkList Name : hex5321 WorkList ID : 148544 Department : Wet-Chemistry Date : 05-03-2021 16:51:24

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
05/17/2021	Water	M2257-07	Hexavalent Chromium	Cool 4 deg C	NEWY17	P43	14B-(1-4)-COMP	05/03/2021	SM3500-Cr B

Date/Time 05/03/21 16:55
 Raw Sample Received by: KS (Wetchem)
 Raw Sample Relinquished by: SP (Wetchem)

Date/Time 05/03/21 17:30
 Raw Sample Received by: SP (Wetchem)
 Raw Sample Relinquished by: KS (Wetchem)