

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB113496

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP89936
Calibration Std. hexchrome 0.05 ppm	WP89937
calibration std. hexchrome 0.01 ppm	WP89938
calibration std. hexchrome 0 ppm	WP89940
hexavalent chromium color reagent	WP89912
0.2N SULFURIC ACID	WP88532
Calibration Std Hexachrome 0.025 ppm	WP89939
Hexavalent Chromium ICV-LCS Std	WP89941
Calibration and CCV std HexChrome 0.5PPM	WP89935
Calibration std HexChrome 1.0PPM	WP89934

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		2.14	0.000	0.000	0.000	0.001		03/12/2021	14:50
2	CAL2	0.01	1	100	100		1.98	0.000	0.006	0.006	0.009	10	03/12/2021	14:51
3	CAL3	0.025	1	100	100		1.78	0.000	0.017	0.017	0.023	8	03/12/2021	14:52
4	CAL4	0.05	1	100	100		1.88	0.000	0.038	0.038	0.050	0	03/12/2021	14:53
5	CAL5	0.1	1	100	100		2.08	0.000	0.078	0.078	0.101	-1	03/12/2021	14:54
6	CAL6	0.5	1	100	100		1.85	0.000	0.390	0.390	0.500	0	03/12/2021	14:55
7	CAL7	1	1	100	100		2.24	0.000	0.780	0.780	0.999	0.1	03/12/2021	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		2.34	0.000	0.390	0.390	0.501	03/12/2021	14:57
2	ICB		1	100	100		2.14	0.000	0.000	0.000	0.001	03/12/2021	14:58
3	CCV1	0.5	1	100	100		2.08	0.000	0.391	0.391	0.502	03/12/2021	14:59
4	CCB1		1	100	100		1.78	0.000	0.000	0.000	0.001	03/12/2021	15:00
5	LB113496BL		1	100	100		1.96	0.000	0.000	0.000	0.001	03/12/2021	15:01
6	LB113496BS	0.5	1	100	100		1.88	0.000	0.404	0.404	0.518	03/12/2021	15:02
7	M1458-12		1	100	100		1.78	0.000	0.004	0.004	0.007	03/12/2021	15:03
8	M1677-03		1	100	100		1.67	0.002	0.140	0.138	0.178	03/12/2021	15:04
9	M1677-03DU		1	100	100		2.09	0.001	0.138	0.137	0.177	03/12/2021	15:05
10	M1677-03MS	1	2	100	100		2.14	0.002	0.478	0.476	0.611	03/12/2021	15:06
11	M1677-03MS	1	2	100	100		2.09	0.001	0.476	0.475	0.609	03/12/2021	15:07
12	CCV2	0.5	1	100	100		2.14	0.000	0.390	0.390	0.501	03/12/2021	15:08
13	CCB2		1	100	100		2.09	0.000	0.000	0.000	0.001	03/12/2021	15:09

WORKLIST(Hardcopy Internal Chain)

WorkList Name : HEX31221-1 WorkList ID : 147113 Department : Wet-Chemistry Date : 03-12-2021 13:30:01

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
03/11/2021	Water	M1458-12	✓ Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Office	MDL-WATER-06-QT1-2021	02/19/2021	SM3500-Cr B
03/19/2021	Water	M1677-03	✗ Hexavalent Chromium	Ammonium sul	TULL02		D2470-D2800(WATER)	03/12/2021	SM3500-Cr B

Date/Time 03/12/21 14:15
 Received by: KS (wet-chem)
 Relinquished by: AM (wet-chem)

Date/Time 03/12/21 15:15
 Received by: AM (wet-chem)
 Relinquished by: KS (wet-chem)