



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB113691

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP90196
Calibration Std. hexchrome 0.05 ppm	WP90200
calibration std. hexchrome 0.01 ppm	WP90201
calibration std. hexchrome 0 ppm	WP90198
hexavalent chromium color reagent	WP90202
0.2N SULFURIC ACID	WP88532
Calibration Std Hexachrome 0.025 ppm	WP90197
Hexavalent Chromium ICV-LCS Std	WP90199
Calibration and CCV std HexChrome 0.5PPM	WP90195
Calibration std HexChrome 1.0PPM	WP90194

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		2.25	0.000	0.000	0.000	0.001		03/26/2021	09:50
2	CAL2	0.01	1	100	100		1.96	0.000	0.006	0.006	0.009	10	03/26/2021	09:51
3	CAL3	0.025	1	100	100		1.78	0.000	0.017	0.017	0.023	8	03/26/2021	09:52
4	CAL4	0.05	1	100	100		1.88	0.000	0.038	0.038	0.050	0	03/26/2021	09:53
5	CAL5	0.1	1	100	100		2.09	0.000	0.078	0.078	0.101	-1	03/26/2021	09:54
6	CAL6	0.5	1	100	100		2.37	0.000	0.390	0.390	0.500	0	03/26/2021	09:55
7	CAL7	1	1	100	100		2.14	0.000	0.780	0.780	0.999	0.1	03/26/2021	09:56



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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	0.391	0.391	0.502	03/26/2021	09:57
2	ICB		1	100	100		1.88	0.000	0.000	0.000	0.001	03/26/2021	09:58
3	CCV1	0.5	1	100	100		1.79	0.000	0.392	0.392	0.503	03/26/2021	09:59
4	CCB1		1	100	100		2.08	0.000	0.000	0.000	0.001	03/26/2021	10:00
5	RL Check	0.01	1	100	100		2.14	0.000	0.007	0.007	0.010	03/26/2021	10:02
6	lb113691BL		1	100	100		2.26	0.000	0.000	0.000	0.001	03/26/2021	10:03
7	lb113691BS	0.5	1	100	100		1.76	0.000	0.404	0.404	0.518	03/26/2021	10:04
8	M1763-03		1	100	100		1.96	0.010	0.015	0.005	0.008	03/26/2021	10:05
9	M1763-03DU		1	100	100		1.86	0.011	0.016	0.005	0.008	03/26/2021	10:06
10	M1763-03MS	1	2	100	100		1.85	0.011	0.289	0.278	0.357	03/26/2021	10:07
11	M1763-03MS	1	2	100	100		2.08	0.012	0.290	0.278	0.357	03/26/2021	10:08
12	CCV2	0.5	1	100	100		2.14	0.000	0.391	0.391	0.502	03/26/2021	10:09
13	CCB2		1	100	100		2.36	0.000	0.000	0.000	0.001	03/26/2021	10:10

LB 113691

WORKLIST(Hardcopy Internal Chain)

WorkList Name : HEX32521 WorkList ID : 147476 Department : Wet-Chemistry Date : 03-25-2021 16:18:56

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
04/08/2021	Water	M1763-03	Hexavalent Chromium	Ammonium sul	TULL02	J11	EL-509-WATER-SAMPLE	03/25/2021	SM3500-Cr B

Date/Time 03/26/21 09:15
Received by: KS (wet-chem)
Relinquished by: Am (wet-chem)

Date/Time 03/26/21 10:15
Received by: Am (wet-chem)
Relinquished by: KS (wet-chem)