

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB113923

pH Meter ID:

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP90467
Calibration Std. hexchrome 0.05 ppm	WP90471
calibration std. hexchrome 0.01 ppm	WP90469
calibration std. hexchrome 0 ppm	WP90475
hexavalent chromium color reagent	WP90481
0.2N SULFURIC ACID	WP88532
Calibration Std Hexachrome 0.025 ppm	WP90473
Hexavalent Chromium ICV-LCS Std	WP90477
Calibration and CCV std HexChrome 0.5PPM	WP90466
Calibration std HexChrome 1.0PPM	WP90465

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		2.02	0.000	0.000	0.000	0.001		04/09/2021	17:15
2	CAL2	0.01	1	100	100		1.98	0.000	0.006	0.006	0.009	10	04/09/2021	17:15
3	CAL3	0.025	1	100	100		1.78	0.000	0.017	0.017	0.023	8	04/09/2021	17:16
4	CAL4	0.05	1	100	100		2.14	0.000	0.038	0.038	0.050	0	04/09/2021	17:16
5	CAL5	0.1	1	100	100		2.35	0.000	0.078	0.078	0.101	-1	04/09/2021	17:17
6	CAL6	0.5	1	100	100		2.09	0.000	0.390	0.390	0.500	0	04/09/2021	17:18
7	CAL7	1	1	100	100		2.15	0.000	0.780	0.780	0.999	0.1	04/09/2021	17:19

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pH Meter ID:

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		2.03	0.000	0.385	0.385	0.494	04/09/2021	17:20
2	ICB		1	100	100		2.15	0.000	0.000	0.000	0.001	04/09/2021	17:20
3	CCV1	0.5	1	100	100		1.88	0.000	0.384	0.384	0.493	04/09/2021	17:21
4	CCB1		1	100	100		1.98	0.000	0.000	0.000	0.001	04/09/2021	17:21
5	RL Check	0.01	1	100	100		1.78	0.000	0.006	0.006	0.009	04/09/2021	17:22
6	LB113923BL		1	100	100		1.74	0.000	0.000	0.000	0.001	04/09/2021	17:22
7	LB113923BS	0.5	1	100	100		2.34	0.000	0.407	0.407	0.522	04/09/2021	17:23
8	M1990-01		1	100	100		2.26	0.002	0.002	0.000	0.001	04/09/2021	17:23
9	M2007-01		1	100	100		2.15	0.003	0.003	0.000	0.001	04/09/2021	17:24
10	M2007-01DU		1	100	100		2.09	0.002	0.002	0.000	0.001	04/09/2021	17:24
11	M2007-01MS	1	2	100	100		1.89	0.003	0.402	0.399	0.512	04/09/2021	17:25
12	M2007-01MS	1	2	100	100		1.98	0.003	0.400	0.397	0.510	04/09/2021	17:25
13	M2007-02		1	100	100		1.78	0.004	0.004	0.000	0.001	04/09/2021	17:26
14	CCV2	0.5	1	100	100		1.88	0.000	0.383	0.383	0.492	04/09/2021	17:27
15	CCB2		1	100	100		1.96	0.000	0.000	0.000	0.001	04/09/2021	17:27

WORKLIST(Hardcopy Internal Chain)

LB 113923

WorkList Name : HEX4921

WorkList ID : 147915

Department : Wet-Chemistry

Date : 04-09-2021 16:50:22

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
04/15/2021	Water	M1990-01	Hexavalent Chromium	Cool 4 deg C	TULL02	ELEVATOR-PIT-STANDIN	04/08/2021	SM3500-Cr B	
04/23/2021	Water	M2007-01	Hexavalent Chromium	Cool 4 deg C	DIST01	55-ST-31	04/09/2021	SM3500-Cr B	
04/23/2021	Water	M2007-02	Hexavalent Chromium	Cool 4 deg C	DIST01	37-ST-2021	04/09/2021	SM3500-Cr B	

Date/Time 04/09/21 16:55
Raw Sample Received by: KS (Welcher)
Raw Sample Relinquished by: AMCwetchem

Date/Time 04/09/21 17:30
Raw Sample Received by: AMCwetchem
Raw Sample Relinquished by: KS (Welcher)