

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB115940

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP92617
Calibration Std. hexchrome 0.05 ppm	WP92618
calibration std. hexchrome 0.01 ppm	WP92619
calibration std. hexchrome 0 ppm	WP92620
hexavalent chromium color reagent	WP92562
0.2N SULFURIC ACID	WP91740
Calibration Std Hexachrome 0.025 ppm	WP92622
Hexavalent Chromium ICV-LCS Std	WP92621
Calibration and CCV std HexChrome 0.5PPM	WP92616
Calibration std HexChrome 1.0PPM	WP92615

Intercept: -0.0011

Slope: 0.7822

Regression: 0.999996

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		2.09	0.000	0.000	0.000	0.001		08/19/2021	15:50
2	CAL2	0.01	1	100	100		1.78	0.000	0.006	0.006	0.009	10	08/19/2021	15:51
3	CAL3	0.025	1	100	100		1.95	0.000	0.017	0.017	0.023	8	08/19/2021	15:52
4	CAL4	0.05	1	100	100		1.85	0.000	0.038	0.038	0.049	2	08/19/2021	15:53
5	CAL5	0.1	1	100	100		2.07	0.000	0.078	0.078	0.101	-1	08/19/2021	15:54
6	CAL6	0.5	1	100	100		1.72	0.000	0.390	0.390	0.5	0	08/19/2021	15:55
7	CAL7	1	1	100	100		2.19	0.000	0.781	0.781	0.999	0.1	08/19/2021	15:56

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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		2.09	0.000	0.389	0.389	0.499	08/19/2021	16:00
2	ICB		1	100	100		1.88	0.000	0.000	0.000	0.001	08/19/2021	16:01
3	CCV1	0.5	1	100	100		1.75	0.000	0.388	0.388	0.497	08/19/2021	16:02
4	CCB1		1	100	100		1.95	0.000	0.000	0.000	0.001	08/19/2021	16:03
5	RL Check	0.01	1	100	100		2.08	0.000	0.008	0.008	0.012	08/19/2021	16:04
6	LB115940BL		1	100	100		2.34	0.000	0.000	0.000	0.001	08/19/2021	16:05
7	LB115940BS	0.5	1	100	100		2.19	0.000	0.402	0.402	0.515	08/19/2021	16:06
8	M3481-01		1	100	100		2.25	0.000	0.000	0.000	0.001	08/19/2021	16:07
9	M3481-01DU		1	100	100		1.92	0.000	0.000	0.000	0.001	08/19/2021	16:08
10	M3481-01MS	1	2	100	100		1.74	0.000	0.406	0.406	0.520	08/19/2021	16:10
11	M3481-01MS	1	2	100	100		1.85	0.000	0.405	0.405	0.519	08/19/2021	16:11
12	M3493-01		1	100	100		2.40	0.000	0.000	0.000	0.001	08/19/2021	16:12
13	CCV2	0.5	1	100	100		2.33	0.000	0.387	0.387	0.496	08/19/2021	16:15
14	CCB2		1	100	100		2.15	0.000	0.000	0.000	0.001	08/19/2021	16:15

WORKLIST(Hardcopy Internal Chain)

LB115940

WorkList Name : HEX81921-1 WorkList ID : 151604 Department : Wet-Chemistry Date : 08-19-2021 14:15:09

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
09/02/2021	Water	M3481-01	Hexavalent Chromium	Ammonium sul	AQUA04	E11	20211007-DI-WATER	08/18/2021	SM3500-Cr B
09/02/2021	Water	M3493-01	Hexavalent Chromium	Cool 4 deg C	AQUA04	E11	20211008-MANASQUAN-	08/18/2021	SM3500-Cr B

Date/Time 08/19/21 15:25
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: _____

Date/Time 08/19/21 16:20
 Raw Sample Received by: _____
 Raw Sample Relinquished by: KS (WC)