

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB115476

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP92150
Calibration Std. hexchrome 0.05 ppm	WP92151
calibration std. hexchrome 0.01 ppm	WP92153
calibration std. hexchrome 0 ppm	WP92159
hexavalent chromium color reagent	WP92054
0.2N SULFURIC ACID	WP91740
HEX LOD STD, 0.005PPM	WP92161
Calibration Std Hexachrome 0.025 ppm	WP92156
Hexavalent Chromium ICV-LCS Std	WP92160
Calibration and CCV std HexChrome 0.5PPM	WP92149
Calibration std HexChrome 1.0PPM	WP92148

Intercept: -0.0007

Slope: 0.7809

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		2.08	0.000	0.000	0.000	0.000		07/22/2021	10:05
2	CAL2	0.01	1	100	100		1.98	0.000	0.006	0.006	0.008	20	07/22/2021	10:06
3	CAL3	0.025	1	100	100		1.78	0.000	0.018	0.018	0.023	8	07/22/2021	10:07
4	CAL4	0.05	1	100	100		1.85	0.000	0.038	0.038	0.049	2	07/22/2021	10:08
5	CAL5	0.1	1	100	100		2.09	0.000	0.079	0.079	0.102	-2	07/22/2021	10:09
6	CAL6	0.5	1	100	100		2.10	0.000	0.390	0.390	0.500	0	07/22/2021	10:10
7	CAL7	1	1	100	100		2.36	0.000	0.780	0.780	0.999	0.1	07/22/2021	10:11



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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	0.390	0.390	0.500	07/22/2021	10:13
2	ICB		1	100	100		1.98	0.000	0.000	0.000	0.001	07/22/2021	10:13
3	CCV1	0.5	1	100	100		2.30	0.000	0.391	0.391	0.502	07/22/2021	10:25
4	CCB1		1	100	100		2.10	0.000	0.000	0.000	0.001	07/22/2021	10:25
5	RL Check	0.01	1	100	100		2.25	0.000	0.008	0.008	0.011	07/22/2021	10:26
6	lb115476BL		1	100	100		1.96	0.000	0.000	0.000	0.001	07/22/2021	10:27
7	lb115476BS	0.5	1	100	100		1.74	0.000	0.390	0.390	0.500	07/22/2021	10:28
8	M2940-12		1	100	100		1.85	0.000	0.004	0.004	0.006	07/22/2021	10:29
9	M3132-01		1	100	100		2.08	0.001	0.001	0.000	0.001	07/22/2021	10:30
10	M3132-01DU		1	100	100		1.88	0.001	0.001	0.000	0.001	07/22/2021	10:31
11	M3132-01MS	1	2	100	100		1.92	0.001	0.386	0.385	0.494	07/22/2021	10:32
12	M3132-01MS	1	2	100	100		2.18	0.001	0.385	0.384	0.493	07/22/2021	10:33
13	CCV2	0.5	1	100	100		2.28	0.000	0.391	0.391	0.502	07/22/2021	10:34
14	CCB2		1	100	100		2.30	0.000	0.000	0.000	0.001	07/22/2021	10:35

WORKLIST(Hardcopy Internal Chain)

LB 115476

WorkList Name : hex72221-1 WorkList ID : 150781 Department : Wet-Chemistry Date : 07-22-2021 09:08:22

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
07/26/2021	Water	M2940-12	✓ Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Office	MDL-WATER-06-QT3-20	07/06/2021	SM3500-Cr B
08/03/2021	Water	M3132-01	✗ Hexavalent Chromium	Cool 4 deg C	DIST01	L11	55-ST-32	07/21/2021	SM3500-Cr B

Date/Time 07/22/21 09:15
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: MB (DZ)

Date/Time 07/22/21 10:40
 Raw Sample Received by: MB (DZ)
 Raw Sample Relinquished by: KS (DZ)