

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB116656

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP93240
Calibration Std. hexchrome 0.05 ppm	WP93241
calibration std. hexchrome 0.01 ppm	WP93242
calibration std. hexchrome 0 ppm	WP93243
hexavalent chromium color reagent	WP93161
0.2N SULFURIC ACID	WP91740
HEX LOD STD, 0.005PPM	WP93228
Hex LOQ Std, 0.01PPM	WP93229
Calibration Std Hexachrome 0.025 ppm	WP93245
Hexavalent Chromium ICV-LCS Std	WP93244
Calibration and CCV std HexChrome 0.5PPM	WP93239
Calibration std HexChrome 1.0PPM	WP93238

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		2.10	0.000	0.000	0.000	0.001		10/05/2021	12:45
2	CAL2	0.01	1	100	100		1.98	0.000	0.006	0.006	0.009	10	10/05/2021	12:46
3	CAL3	0.025	1	100	100		1.74	0.000	0.017	0.017	0.023	8	10/05/2021	12:47
4	CAL4	0.05	1	100	100		1.85	0.000	0.038	0.038	0.049	2	10/05/2021	12:48
5	CAL5	0.1	1	100	100		2.08	0.000	0.078	0.078	0.101	-1	10/05/2021	12:49
6	CAL6	0.5	1	100	100		1.74	0.000	0.390	0.390	0.5	0	10/05/2021	12:50
7	CAL7	1	1	100	100		1.95	0.000	0.781	0.781	0.999	0.1	10/05/2021	12:51



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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	10/05/2021	12:55
2	ICB		1	100	100		1.85	0.000	0.002	0.002	0.004	10/05/2021	12:56
3	CCV1	0.5	1	100	100		1.74	0.000	0.390	0.390	0.500	10/05/2021	12:57
4	CCB1		1	100	100		1.90	0.000	0.000	0.000	0.001	10/05/2021	12:58
5	RL Check	0.01	1	100	100		2.10	0.000	0.008	0.008	0.012	10/05/2021	12:59
6	LB116656BL		1	100	100		2.34	0.000	0.000	0.000	0.001	10/05/2021	13:00
7	LB116656BS	0.5	1	100	100		2.25	0.000	0.400	0.400	0.513	10/05/2021	13:01
8	M4068-10		1	100	100		1.88	0.000	0.003	0.003	0.005	10/05/2021	13:05
9	M4068-11		1	100	100		2.09	0.000	0.008	0.008	0.012	10/05/2021	13:06
10	M4069-01		1	100	100		2.15	0.001	0.001	0.000	0.001	10/05/2021	13:07
11	M4069-01DU		1	100	100		2.30	0.000	0.000	0.000	0.001	10/05/2021	13:08
12	M4069-01MS	1	2	100	100		2.14	0.000	0.399	0.399	0.512	10/05/2021	13:09
13	M4069-01MS	1	2	100	100		2.41	0.001	0.400	0.399	0.512	10/05/2021	13:10
14	CCV2	0.5	1	100	100		2.28	0.000	0.391	0.391	0.501	10/05/2021	13:11
15	CCB2		1	100	100		2.16	0.000	0.000	0.000	0.001	10/05/2021	13:12

WORKLIST(Hardcopy Internal Chain)

LB 116656

WorkList Name : HEX10521 WorkList ID : 152932 Department : Wet-Chemistry Date : 10-05-2021 12:20:47

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
10/21/2021	Water	M4068-10	Hexavalent Chromium ✓	Cool 4 deg C	CHEM02	QA Office	LOD-MDL-WATER-04-QT	10/01/2021	SM3500-Cr B
10/21/2021	Water	M4068-11	Hexavalent Chromium ✓	Cool 4 deg C	CHEM02	QA Office	LOQ-WATER-05-QT4-20	10/01/2021	SM3500-Cr B
10/18/2021	Water	M4069-01	Hexavalent Chromium ✓	Ammonium sul	URSC05	D11	MWHR2-6-100421	10/04/2021	SM3500-Cr B

Date/Time 10/05/21 12:25
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: KS (WC)

Date/Time 10/05/21 13:15
 Raw Sample Received by: JS (WC)
 Raw Sample Relinquished by: JS (WC)