

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: AMANDEEP

Run Number: LB107610

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP81913
Calibratation STD Hexa Chrome 0.5 PPM	WP81914
Calibration Std. hexchrome 0.1 ppm	WP81915
Calibration Std. hexchrome 0.05 ppm	WP81916
calibration std. hexchrome 0.01 ppm	WP81917
calibration std. hexchrome 0 ppm	WP81918
Hexavalent Chromium ICV Std.	WP81919
Hexavalent Chromium CCV Std	WP81920
Hexavalent Chromium LCS Std	WP81921
hexavalent chromium color reagent	WP81846
0.2N SULFURIC ACID	WP79785
Calibration Std Hexachrome 0.025 ppm	WP81922

Intercept: 0.0005

Slope: 0.785

Regression: 0.999934

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb. at 540		Absorbance Difference	Anal Date	Anal Time
								Backgrnd	Color			
1	CAL1	0	1	100	100		2.06	0.000	0.000	0.000	02/07/2020	09:15
2	CAL2	0.01	1	100	100		2.03	0.000	0.008	0.008	02/07/2020	09:16
3	CAL3	0.025	1	100	100		2.04	0.000	0.018	0.018	02/07/2020	09:17
4	CAL4	0.05	1	100	100		2.05	0.000	0.038	0.038	02/07/2020	09:18
5	CAL5	0.1	1	100	100		2.08	0.000	0.080	0.080	02/07/2020	09:19
6	CAL6	0.5	1	100	100		2.09	0.000	0.400	0.400	02/07/2020	09:20
7	CAL7	1	1	100	100		2.07	0.000	0.782	0.782	02/07/2020	09:21

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Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb. at 540		Absorbance Difference	Result	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		2.04	0.000	0.412	0.412	0.524	02/07/2020	09:22
2	ICB		1	100	100		2.03	0.000	0.000	0.000	-0.001	02/07/2020	09:23
3	CCV1	0.5	1	100	100		2.06	0.000	0.399	0.399	0.508	02/07/2020	09:24
4	CCB1		1	100	100		2.05	0.000	0.000	0.000	-0.001	02/07/2020	09:25
5	lb107610BL		1	100	100		2.04	0.000	0.000	0.000	-0.001	02/07/2020	09:26
6	lb107610BS	0.5	1	100	100		2.03	0.000	0.405	0.405	0.515	02/07/2020	09:27
7	L1161-12		1	100	100		2.08	0.000	0.004	0.004	0.004	02/07/2020	09:28
8	L1440-01		1	100	100		2.09	0.001	0.001	0.000	-0.001	02/07/2020	09:29
9	L1440-01DUP		1	100	100		2.07	0.000	0.000	0.000	-0.001	02/07/2020	09:30
10	L1440-01MS	1	2	100	100		2.06	0.000	0.401	0.401	0.510	02/07/2020	09:31
11	L1440-01MSD	1	2	100	100		2.04	0.000	0.400	0.400	0.509	02/07/2020	09:32
12	CCV2	0.5	1	100	100		2.08	0.000	0.398	0.398	0.506	02/07/2020	09:33
13	CCB2		1	100	100		2.04	0.000	0.000	0.000	-0.001	02/07/2020	09:34

WORKLIST(Hardcopy Internal Chain)

LB107610.

WorkList Name : hex2620-2 WorkList ID : 135801 Department : Wet-Chemistry Date : 02-06-2020 16:31:19

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method	
01/17/2020	Water	L1161-12	✓	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Office	MDL-WATER-06-QT1-2020	01/16/2020	SM3500-Cr B
02/07/2020	Water	L1440-01	✗	Hexavalent Chromium	Cool 4 deg C	ENTA05	L41	TW-1	02/06/2020	SM3500-Cr B

Date/Time 02/07/20 08:55
 Received by: KS
 Relinquished by: DK

Date/Time 02/07/20 09:40
 Received by: DK
 Relinquished by: KS