

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: chirag

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB104835

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP77650
Calibratation STD Hexa Chrome 0.5 PPM	WP77651
Calibration Std. hexchrome 0.1 ppm	WP77656
Calibration Std. hexchrome 0.05 ppm	WP77655
calibration std. hexchrome 0.01 ppm	WP77654
calibration std. hexchrome 0 ppm	WP77653
Hexavalent Chromium ICV Std.	WP77658
Hexavalent Chromium CCV Std	WP77657
Hexavalent Chromium LCS Std	WP77659
hexavalent chromium color reagent	WP77635
0.2N SULFURIC ACID	WP73394
Calibration std Hexachrome, 0.025ppm	WP77652

Intercept: 0.0003

Slope: 0.8012

Regression: 0.999996

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		2.10	0.000	0.000	0.000	08/28/2019	09:31
2	CAL2	0.01	1	100	100		1.65	0.000	0.008	0.008	08/28/2019	09:31
3	CAL3	0.025	1	100	100		1.60	0.000	0.021	0.021	08/28/2019	09:32
4	CAL4	0.05	1	100	100		2.05	0.000	0.041	0.041	08/28/2019	09:33
5	CAL5	0.1	1	100	100		2.05	0.000	0.079	0.079	08/28/2019	09:33
6	CAL6	0.5	1	100	100		2.05	0.000	0.402	0.402	08/28/2019	09:34
7	CAL7	1	1	100	100		2.05	0.000	0.801	0.801	08/28/2019	09:35



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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		2.10	0.000	0.402	0.402	0.501	08/28/2019	09:36
2	ICB		1	100	100		1.56	0.000	0.000	0.000	0.000	08/28/2019	09:36
3	CCV1	0.5	1	100	100		2.10	0.000	0.378	0.378	0.471	08/28/2019	09:37
4	CCB1		1	100	100		2.05	0.000	0.000	0.000	0.000	08/28/2019	09:37
5	lb104835BL		1	100	100		2.01	0.000	0.000	0.000	0.000	08/28/2019	09:38
6	lb104835BS	0.5	1	100	100		1.60	0.000	0.376	0.376	0.469	08/28/2019	09:39
7	K4577-01		1	100	100		2.05	0.003	0.003	0.000	0.000	08/28/2019	09:40
8	K4577-01DUP		1	100	100		2.10	0.003	0.003	0.000	0.000	08/28/2019	09:41
9	K4577-01MS	1	2	100	100		2.10	0.003	0.381	0.378	0.471	08/28/2019	09:41
10	K4577-01MSD	1	2	100	100		1.65	0.003	0.383	0.380	0.474	08/28/2019	09:42
11	CCV2	0.5	1	100	100		2.01	0.000	0.385	0.385	0.480	08/28/2019	09:43
12	CCB2		1	100	100		1.56	0.000	0.000	0.000	0.000	08/28/2019	09:44

LB104835

WORKLIST(Hardcopy Internal Chain)

WorkList Name : hex082819-w

WorkList ID : 130306

Department : Wet-Chemistry

Date : 08-28-2019 07:28:12

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
08/28/2019	Water	K4577-01 ✓	Hexavalent Chromium	Cool 4 deg C	DVIR01	I22	GW-1	08/27/2019	SM3500-Cr B

Date/Time08/28/197:35

Received by:CT

Relinquished by:DR

Date/Time08/28/197:51

Received by:SP

Relinquished by:CT