

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Aparna

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB102784

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP74754
Calibratation STD Hexa Chrome 0.5 PPM	WP74752
Calibration Std. hexchrome 0.1 ppm	WP74753
Calibration Std. hexchrome 0.05 ppm	WP74750
calibration std. hexchrome 0.01 ppm	WP74749
calibration std. hexchrome 0 ppm	WP74748
Hexavalent Chromium ICV Std.	WP74756
Hexavalent Chromium CCV Std	WP74755
Hexavalent Chromium LCS Std	WP74757
hexavalent chromium color reagent	WP74585
5N sulfuric acid	WP74163
Calibration std Hexachrome, 0.025ppm	WP74751

Intercept: 0.0002

Slope: 0.7678

Regression: 0.999973

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		1.56	0.000	0.000	0.000	05/16/2019	13:01
2	CAL2	0.01	1	100	100		1.60	0.000	0.007	0.007	05/16/2019	13:01
3	CAL3	0.025	1	100	100		1.73	0.000	0.017	0.017	05/16/2019	13:03
4	CAL4	0.05	1	100	100		2.05	0.000	0.039	0.039	05/16/2019	13:03
5	CAL5	0.1	1	100	100		2.06	0.000	0.078	0.078	05/16/2019	13:04
6	CAL6	0.5	1	100	100		2.10	0.000	0.388	0.388	05/16/2019	13:04
7	CAL7	1	1	100	100		1.58	0.000	0.766	0.766	05/16/2019	13:05



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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		1.79	0.000	0.368	0.368	0.479	05/16/2019	13:05
2	ICB		1	100	100		1.58	0.000	0.000	0.000	0.000	05/16/2019	13:06
3	CCV1	0.5	1	100	100		2.03	0.000	0.368	0.368	0.479	05/16/2019	13:06
4	CCB1		1	100	100		1.80	0.000	0.000	0.000	0.000	05/16/2019	13:07
5	LB102784BL		1	100	100		2.30	0.000	0.000	0.000	0.000	05/16/2019	13:07
6	LB102784BS	0.5	1	100	100		2.04	0.004	0.386	0.382	0.497	05/16/2019	13:08
7	K2886-01		1	100	100		2.14	0.001	0.001	0.000	0.000	05/16/2019	13:08
8	K2886-01DUP		1	100	100		2.16	0.001	0.001	0.000	0.000	05/16/2019	13:09
9	K2886-01MS	1	2	100	100		2.23	0.001	0.406	0.405	0.527	05/16/2019	13:09
10	K2886-01MSD	1	2	100	100		2.20	0.001	0.405	0.404	0.526	05/16/2019	13:10
11	CCV2	0.5	1	100	100		2.21	0.000	0.369	0.369	0.480	05/16/2019	13:10
12	CCB2		1	100	100		1.65	0.000	0.000	0.000	0.000	05/16/2019	13:11

WORKLIST(Hardcopy Internal Chain)

WorkList Name : hex051619-1

WorkList ID : 126147

Date : 05-16-2019 12:19:11

dB162784

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
05/16/2019	Water	K2886-01	Hexavalent Chromium	Cool 4 deg C	SHAW22	O51	OUTFALL001-WK-3	05/15/2019	7196A

Date/Time 05/16/19 12:30
 Received by: AS
 Relinquished by: AS

Date/Time 05/16/19 13:00
 Received by: AS
 Relinquished by: AS