

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Aparna

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB102637

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP74520
Calibratation STD Hexa Chrome 0.5 PPM	WP74521
Calibration Std. hexchrome 0.1 ppm	WP74526
Calibration Std. hexchrome 0.05 ppm	WP74525
calibration std. hexchrome 0.01 ppm	WP74524
calibration std. hexchrome 0 ppm	WP74523
Hexavalent Chromium ICV Std.	WP74528
Hexavalent Chromium CCV Std	WP74527
Hexavalent Chromium LCS Std	WP74529
hexavalent chromium color reagent	WP74530
5N sulfuric acid	WP74163
Calibration std Hexachrome, 0.025ppm	WP74522

Intercept: 0.0007

Slope: 0.768

Regression: 0.999957

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		1.65	0.000	0.000	0.000	05/09/2019	13:34
2	CAL2	0.01	1	100	100		1.60	0.000	0.008	0.008	05/09/2019	13:36
3	CAL3	0.025	1	100	100		1.56	0.000	0.018	0.018	05/09/2019	13:37
4	CAL4	0.05	1	100	100		2.10	0.000	0.038	0.038	05/09/2019	13:37
5	CAL5	0.1	1	100	100		2.35	0.000	0.079	0.079	05/09/2019	13:37
6	CAL6	0.5	1	100	100		1.80	0.000	0.390	0.390	05/09/2019	13:38
7	CAL7	1	1	100	100		2.12	0.000	0.766	0.766	05/09/2019	13:38



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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		1.65	0.000	0.388	0.388	0.504	05/09/2019	13:39
2	ICB		1	100	100		2.11	0.000	0.000	0.000	-0.001	05/09/2019	13:40
3	CCV1	0.5	1	100	100		2.03	0.000	0.390	0.390	0.507	05/09/2019	13:41
4	CCB1		1	100	100		2.08	0.000	0.000	0.000	-0.001	05/09/2019	13:41
5	LB102637BL		1	100	100		2.16	0.000	0.000	0.000	-0.001	05/09/2019	13:42
6	LB102637BS	0.5	1	100	100		2.25	0.001	0.406	0.405	0.526	05/09/2019	13:42
7	K2781-01		1	100	100		2.13	0.001	0.001	0.000	-0.001	05/09/2019	13:42
8	K2781-01DUP		1	100	100		2.14	0.001	0.001	0.000	-0.001	05/09/2019	13:42
9	K2781-01MS	1	2	100	100		2.04	0.001	0.401	0.400	0.520	05/09/2019	13:43
10	K2781-01MSD	1	2	100	100		2.06	0.001	0.400	0.399	0.519	05/09/2019	13:44
11	CCV2	0.5	1	100	100		1.70	0.000	0.366	0.366	0.476	05/09/2019	13:44
12	CCB2		1	100	100		1.65	0.000	0.000	0.000	-0.001	05/09/2019	13:45

WORKLIST(Hardcopy Internal Chain)

WorkList Name : HEX050919-1

WorkList ID : 125806

Date : 05-09-2019 07:33:29

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
05/09/2019	Water	K2781-01	Hexavalent Chromium	Cool 4 deg C	SHAW22	O11	OUTFALL001-WK-2	05/08/2019	7196A

Date/Time 05/09/19 11:40
 Received by: 
 Relinquished by: _____

Date/Time 05/09/19 14:10
 Received by: 
 Relinquished by: _____