

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Aparna

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB102946

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP74944
Calibration Std. hexchrome 0.05 ppm	WP74943
Hexavalent Chromium LCS Std	WP74947
Calibratation STD HexaChrome 1 PPM	WP74938
Calibratation STD Hexa Chrome 0.5 PPM	WP74939
calibration std. hexchrome 0.01 ppm	WP74942
calibration std. hexchrome 0 ppm	WP74941
Hexavalent Chromium ICV Std.	WP74946
Hexavalent Chromium CCV Std	WP74945
hexavalent chromium color reagent	WP74810
0.2N SULFURIC ACID	WP73394
Calibration std Hexachrome, 0.025ppm	WP74940

Intercept: 0.0005

Slope: 0.772

Regression: 0.999979

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	05/23/2019	13:00
2	CAL2	0.01	1	100	100		1.80	0.000	0.008	0.008	05/23/2019	13:01
3	CAL3	0.025	1	100	100		2.10	0.000	0.017	0.017	05/23/2019	13:01
4	CAL4	0.05	1	100	100		2.15	0.000	0.039	0.039	05/23/2019	13:02
5	CAL5	0.1	1	100	100		1.60	0.000	0.080	0.080	05/23/2019	13:02
6	CAL6	0.5	1	100	100		1.98	0.000	0.389	0.389	05/23/2019	13:03
7	CAL7	1	1	100	100		1.78	0.000	0.771	0.771	05/23/2019	13:03



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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		2.13	0.000	0.398	0.398	0.515	05/23/2019	13:45
2	ICB		1	100	100		2.00	0.000	0.000	0.000	-0.001	05/23/2019	13:45
3	CCV1	0.5	1	100	100		2.33	0.000	0.385	0.385	0.498	05/23/2019	13:46
4	CCB1		1	100	100		2.12	0.000	0.000	0.000	-0.001	05/23/2019	13:46
5	LB102946BL		1	100	100		1.80	0.000	0.000	0.000	-0.001	05/23/2019	13:47
6	LB102946BS	0.5	1	100	100		2.03	0.002	0.401	0.399	0.516	05/23/2019	13:47
7	K3015-01		1	100	100		2.36	0.002	0.002	0.000	-0.001	05/23/2019	13:48
8	K3015-01DUP		1	100	100		2.22	0.002	0.002	0.000	-0.001	05/23/2019	13:48
9	K3015-01MS	1	2	100	100		2.09	0.001	0.397	0.396	0.512	05/23/2019	13:49
10	K3015-01MSD	1	2	100	100		2.06	0.002	0.400	0.398	0.515	05/23/2019	13:49
11	CCV2	0.5	1	100	100		2.08	0.000	0.399	0.399	0.516	05/23/2019	13:50
12	CCB2		1	100	100		2.00	0.000	0.000	0.000	-0.001	05/23/2019	13:50

WORKLIST(Hardcopy Internal Chain)

WorkList Name : HEX052319-1

WorkList ID : 126442

Date : 05-23-2019 07:19:43

23102946

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
05/23/2019	Water	K3015-01	Hexavalent Chromium	Cool 4 deg C	SHAW22	P41	OUTFALL001-WK-4	05/22/2019	7196A

Date/Time 05/23/19, 10:00
 Received by: AS
 Relinquished by: CS

Date/Time 05/23/19, 10:30
 Received by: AS
 Relinquished by: AS