

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Aparna

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB102875

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP74822
Calibratation STD Hexa Chrome 0.5 PPM	WP74823
Calibration Std. hexchrome 0.1 ppm	WP74828
Calibration Std. hexchrome 0.05 ppm	WP74827
calibration std. hexchrome 0.01 ppm	WP74826
calibration std. hexchrome 0 ppm	WP74825
Hexavalent Chromium ICV Std.	WP74830
Hexavalent Chromium CCV Std	WP74829
Hexavalent Chromium LCS Std	WP74831
hexavalent chromium color reagent	WP74810
5N sulfuric acid	WP74163
Calibration std Hexachrome, 0.025ppm	WP74824

Intercept: 0.0007

Slope: 0.7709

Regression: 0.999975

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		2.05	0.000	0.000	0.000	05/20/2019	16:30
2	CAL2	0.01	1	100	100		2.10	0.000	0.008	0.008	05/20/2019	16:30
3	CAL3	0.025	1	100	100		2.30	0.000	0.017	0.017	05/20/2019	16:31
4	CAL4	0.05	1	100	100		1.78	0.000	0.040	0.040	05/20/2019	16:31
5	CAL5	0.1	1	100	100		1.60	0.000	0.080	0.080	05/20/2019	16:32
6	CAL6	0.5	1	100	100		2.01	0.000	0.389	0.389	05/20/2019	16:32
7	CAL7	1	1	100	100		2.10	0.000	0.770	0.770	05/20/2019	16:33



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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		1.56	0.000	0.415	0.415	0.537	05/20/2019	16:33
2	ICB		1	100	100		1.65	0.000	0.000	0.000	-0.001	05/20/2019	16:34
3	CCV1	0.5	1	100	100		2.01	0.000	0.417	0.417	0.540	05/20/2019	16:34
4	CCB1		1	100	100		2.03	0.000	0.000	0.000	-0.001	05/20/2019	16:35
5	LB102875BL		1	100	100		2.08	0.000	0.000	0.000	-0.001	05/20/2019	16:35
6	LB102875BS	0.5	1	100	100		2.13	0.000	0.384	0.384	0.497	05/20/2019	16:36
7	K2954-06		1	100	100		1.99	0.005	0.005	0.000	-0.001	05/20/2019	16:36
8	K2954-06DUP		1	100	100		2.00	0.005	0.005	0.000	-0.001	05/20/2019	16:37
9	K2954-06MS	1	2	100	100		2.05	0.013	0.412	0.399	0.517	05/20/2019	16:37
10	K2954-06MSD	1	2	100	100		2.06	0.012	0.412	0.400	0.518	05/20/2019	16:38
11	CCV2	0.5	1	100	100		2.04	0.000	0.420	0.420	0.544	05/20/2019	16:38
12	CCB2		1	100	100		1.89	0.000	0.000	0.000	-0.001	05/20/2019	16:39

WORKLIST(Hardcopy Internal Chain)

WorkList Name : HEX052019-2

WorkList ID : 126273

Date : 05-20-2019 07:34:01

20102875

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
05/18/2019	Water	K2954-06	Hexavalent Chromium	Cool 4 deg C	AQUA04	O41	20190407-FIELD-BLANK-2	05/17/2019	7196A

Date/Time

Received by:

Relinquished by:

05/21/19 15:30
AS
AS

Date/Time

Received by:

Relinquished by:

05/21/19 16:40
AS
AS