

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Aparna

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB100744

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP71518
Calibration Std. hexchrome 0.05 ppm	WP71517
Hexavalent Chromium LCS Std	WP71523
Calibratation STD HexaChrome 1 PPM	WP71511
Calibratation STD Hexa Chrome 0.5 PPM	WP71512
calibration std. hexchrome 0.01 ppm	WP71515
calibration std. hexchrome 0 ppm	WP71514
Hexavalent Chromium ICV Std.	WP71521
Hexavalent Chromium CCV Std	WP71520
hexavalent chromium color reagent	WP71527
0.2N SULFURIC ACID	WP68120
Calibration std Hexachrome, 0.025ppm	WP71513

Intercept: -0.0009

Slope: 0.7623

Regression: 0.999849

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		2.00	0.000	0.000	0.000	02/08/2019	16:30
2	CAL2	0.01	1	100	100		2.30	0.000	0.007	0.007	02/08/2019	16:30
3	CAL3	0.025	1	100	100		1.90	0.000	0.017	0.017	02/08/2019	16:31
4	CAL4	0.05	1	100	100		1.99	0.000	0.038	0.038	02/08/2019	16:31
5	CAL5	0.1	1	100	100		2.10	0.000	0.080	0.080	02/08/2019	16:32
6	CAL6	0.5	1	100	100		1.60	0.000	0.370	0.370	02/08/2019	16:32
7	CAL7	1	1	100	100		2.00	0.000	0.766	0.766	02/08/2019	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		2.03	0.000	0.388	0.388	0.510	02/08/2019	16:34
2	ICB		1	100	100		1.96	0.000	0.000	0.000	0.001	02/08/2019	16:34
3	CCV1	0.5	1	100	100		1.84	0.000	0.385	0.385	0.506	02/08/2019	16:35
4	CCB1		1	100	100		1.79	0.000	0.000	0.000	0.001	02/08/2019	16:35
5	LB100744BL		1	100	100		1.99	0.000	0.000	0.000	0.001	02/08/2019	16:36
6	LB100744BS	0.5	1	100	100		2.00	0.000	0.379	0.379	0.498	02/08/2019	16:36
7	K1451-01		1	100	100		2.03	0.001	0.001	0.000	0.001	02/08/2019	16:37
8	K1451-02		1	100	100		2.10	0.002	0.002	0.000	0.001	02/08/2019	16:37
9	K1451-02DUP		1	100	100		2.14	0.002	0.002	0.000	0.001	02/08/2019	16:38
10	K1451-02MS	1	2	100	100		1.95	0.001	0.358	0.357	0.470	02/08/2019	16:39
11	K1451-02MSD	1	2	100	100		1.98	0.001	0.365	0.364	0.479	02/08/2019	16:39
12	CCV2	0.5	1	100	100		1.89	0.000	0.386	0.386	0.508	02/08/2019	16:40
13	CCB2		1	100	100		1.90	0.000	0.000	0.000	0.001	02/08/2019	16:40

WORKLIST(Hardcopy Internal Chain)

WorkList Name : HEX020819-2

WorkList ID : 122142

Date : 02-08-2019 15:47:29

23/00744

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
02/09/2019	Water	K1451-01	G1 Hexavalent Chromium	Cool 4 deg C	TULL02	L43	SHORE-RD-BOX-CULVERT-I	02/08/2019	SM3500-Cr B
02/09/2019	Water	K1451-02	G1 Hexavalent Chromium	Cool 4 deg C	TULL02	L43	HOSPITAL-BOX-CULVERT-Ti	02/08/2019	SM3500-Cr B

Date/Time 02-08-19 15:52

Received by: AB

Relinquished by: AB

Date/Time 02-08-19 16:55

Received by: AB

Relinquished by: AB