

Analytical Summary Report

Analysis Method: 7196A

ANALYST: chirag

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB104430

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP77095
Calibratation STD Hexa Chrome 0.5 PPM	WP77094
Calibration Std. hexchrome 0.1 ppm	WP77093
Calibration Std. hexchrome 0.05 ppm	WP77092
calibration std. hexchrome 0.01 ppm	WP77090
calibration std. hexchrome 0 ppm	WP77089
Hexavalent Chromium ICV Std.	WP77097
Hexavalent Chromium CCV Std	WP77096
Hexavalent Chromium LCS Std	WP77098
hexavalent chromium color reagent	WP77016
0.2N SULFURIC ACID	WP73394
Calibration std Hexachrome, 0.025ppm	WP77091

Intercept: 0.0002

Slope: 0.8011

Regression: 0.999996

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		1.69	0.000	0.000	0.000	08/05/2019	12:05
2	CAL2	0.01	1	100	100		1.82	0.000	0.008	0.008	08/05/2019	12:06
3	CAL3	0.025	1	100	100		2.01	0.000	0.021	0.021	08/05/2019	12:07
4	CAL4	0.05	1	100	100		2.11	0.000	0.040	0.040	08/05/2019	12:08
5	CAL5	0.1	1	100	100		1.89	0.000	0.081	0.081	08/05/2019	12:09
6	CAL6	0.5	1	100	100		1.92	0.000	0.399	0.399	08/05/2019	12:10
7	CAL7	1	1	100	100		1.96	0.000	0.802	0.802	08/05/2019	12:11



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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		2.06	0.000	0.390	0.390	0.487	08/05/2019	12:12
2	ICB		1	100	100		2.12	0.000	0.000	0.000	0.000	08/05/2019	12:13
3	CCV1	0.5	1	100	100		2.03	0.000	0.395	0.395	0.493	08/05/2019	15:45
4	CCB1		1	100	100		2.40	0.000	0.000	0.000	0.000	08/05/2019	15:46
5	LB104430BL		1	100	100		2.30	0.000	0.000	0.000	0.000	08/05/2019	15:47
6	LB104430BS	0.5	1	100	100		2.02	0.000	0.385	0.385	0.480	08/05/2019	15:48
7	K4148-03		1	100	100		1.99	0.002	0.002	0.000	0.000	08/05/2019	15:49
8	K4148-03DUP		1	100	100		1.55	0.002	0.002	0.000	0.000	08/05/2019	15:50
9	K4148-03MS	1	2	100	100		1.75	0.001	0.378	0.377	0.470	08/05/2019	15:51
10	K4148-03MSD	1	2	100	100		1.76	0.000	0.380	0.380	0.474	08/05/2019	15:52
11	K4148-04		1	100	100		1.59	0.001	0.001	0.000	0.000	08/05/2019	15:53
12	K4148-05		1	100	100		1.61	0.000	0.000	0.000	0.000	08/05/2019	15:54
13	K4148-06		1	100	100		2.00	0.003	0.003	0.000	0.000	08/05/2019	15:55
14	K4148-07		1	100	100		2.04	0.001	0.001	0.000	0.000	08/05/2019	15:56
15	CCV2	0.5	1	100	100		2.06	0.000	0.391	0.391	0.488	08/05/2019	15:57
16	CCB2		1	100	100		2.11	0.000	0.000	0.000	0.000	08/05/2019	15:58

WORKLIST(Hardcopy Internal Chain)

LB104430

WorkList Name : HEX050519-W WorkList ID : 129410 Department : Wet-Chemistry Date : 08-05-2019 15:22:19

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
08/03/2019	Water	K4148-03 C	Hexavalent Chromium	Cool 4 deg C	AQUA04	O31	COMP-BH-1-ELU-20190610	08/02/2019	7196A
08/03/2019	Water	K4148-04 C	Hexavalent Chromium	Cool 4 deg C	AQUA04	O31	COMP-BH-2-ELU-20190611	08/02/2019	7196A
08/03/2019	Water	K4148-05 C	Hexavalent Chromium	Cool 4 deg C	AQUA04	O31	COMP-BH-3-ELU-20190612	08/02/2019	7196A
08/03/2019	Water	K4148-06 C	Hexavalent Chromium	Cool 4 deg C	AQUA04	O31	COMP-BH-4-ELU-20190613	08/02/2019	7196A
08/03/2019	Water	K4148-07 C	Hexavalent Chromium	Cool 4 deg C	AQUA04	O31	COMP-BH-6(159-02)-ELU-201	08/02/2019	7196A

Date/Time 08/5/19 15:30
 Received by: CT
 Relinquished by: SQ

Date/Time 08/5/19 15:50
 Received by: JP
 Relinquished by: CT