

Alytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB110139

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP85719
Calibration Std. hexchrome 0.05 ppm	WP85720
calibration std. hexchrome 0.01 ppm	WP85721
calibration std. hexchrome 0 ppm	WP85722
hexavalent chromium color reagent	WP85687
5N sulfuric acid	WP84066
HNO3 Hex-Chrome, 5M	WP84067
Hexchrome Cleaning Solution	WP84106
Calibration Std Hexachrome 0.025 ppm	WP85724
Hexavalent Chromium ICV-LCS Std	WP85723
Calibration and CCV std HexChrome 0.5PPM	WP85718
Calibration std HexChrome 1.0PPM	WP85717

Intercept: -0.0002

Slope: 0.7974

Regression: 0.999999

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		2.08	0.000	0.000	0.000	07/22/2020	12:40
2	CAL2	0.01	1	100	100		2.05	0.000	0.008	0.008	07/22/2020	12:41
3	CAL3	0.025	1	100	100		2.07	0.000	0.020	0.020	07/22/2020	12:42
4	CAL4	0.05	1	100	100		2.03	0.000	0.039	0.039	07/22/2020	12:43
5	CAL5	0.1	1	100	100		2.06	0.000	0.079	0.079	07/22/2020	12:44
6	CAL6	0.5	1	100	100		2.04	0.000	0.399	0.399	07/22/2020	12:45
7	CAL7	1	1	100	100		2.02	0.000	0.797	0.797	07/22/2020	12:46



Analytical Summary Report

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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		2.04	0.000	0.383	0.383	0.481	07/22/2020	12:47
2	ICB		1	100	100		2.06	0.000	0.000	0.000	0.000	07/22/2020	12:48
3	CCV1	0.5	1	100	100		2.03	0.000	0.390	0.390	0.489	07/22/2020	12:49
4	CCB1		1	100	100		2.07	0.000	0.000	0.000	0.000	07/22/2020	12:50
5	lb110139BL		1	100	100		2.05	0.000	0.000	0.000	0.000	07/22/2020	12:51
6	lb110139BS	0.5	1	100	100		2.08	0.000	0.441	0.441	0.553	07/22/2020	12:52
7	L3390-03		1	100	100		2.02	0.000	0.001	0.001	0.002	07/22/2020	12:53
8	L3390-03DUP		1	100	100		2.03	0.001	0.001	0.000	0.000	07/22/2020	12:54
9	L3390-03MS	1	2	100	100		2.05	0.000	0.394	0.394	0.494	07/22/2020	12:55
10	L3390-03MSD	1	2	100	100		2.04	0.000	0.393	0.393	0.493	07/22/2020	12:56
11	CCV2	0.5	1	100	100		2.08	0.000	0.391	0.391	0.491	07/22/2020	12:57
12	CCB2		1	100	100		2.07	0.000	0.000	0.000	0.000	07/22/2020	12:58

WORKLIST(Hardcopy Internal Chain)

LB110139

WorkList Name : hex72220-1

WorkList ID : 140686

Department : Wet-Chemistry

Date : 07-22-2020 11:33:57

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
07/22/2020	Water	L3390-03	Hexavalent Chromium	Cool 4 deg C	SHAW22	H61	OUTFALL001-200721	07/21/2020	7196A

Date/Time 07/22/2020 12:15
 Received by: KS (wet-chem)
 Relinquished by: AML (wet-chem)

Date/Time 07/22/2020 13:00
 Received by: AML (wet-chem)
 Relinquished by: KS (wet-chem)