

Alytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB110117

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP85681
Calibration Std. hexchrome 0.05 ppm	WP85682
calibration std. hexchrome 0.01 ppm	WP85683
calibration std. hexchrome 0 ppm	WP85684
hexavalent chromium color reagent	WP85687
5N sulfuric acid	WP84066
HNO3 Hex-Chrome, 5M	WP84067
Hexchrome Cleaning Solution	WP84106
Calibration Std Hexachrome 0.025 ppm	WP85686
Hexavalent Chromium ICV-LCS Std	WP85685
Calibration and CCV std HexChrome 0.5PPM	WP85680
Calibration std HexChrome 1.0PPM	WP85679

Intercept: -0.0004

Slope: 0.8001

Regression: 0.999998

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		2.04	0.000	0.000	0.000	07/21/2020	12:33
2	CAL2	0.01	1	100	100		2.06	0.000	0.008	0.008	07/21/2020	12:34
3	CAL3	0.025	1	100	100		2.03	0.000	0.020	0.020	07/21/2020	12:35
4	CAL4	0.05	1	100	100		2.07	0.000	0.039	0.039	07/21/2020	12:36
5	CAL5	0.1	1	100	100		2.05	0.000	0.079	0.079	07/21/2020	12:37
6	CAL6	0.5	1	100	100		2.08	0.000	0.399	0.399	07/21/2020	12:38
7	CAL7	1	1	100	100		2.02	0.000	0.800	0.800	07/21/2020	12:39

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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		2.08	0.000	0.384	0.384	0.480	07/21/2020	12:40
2	ICB		1	100	100		2.05	0.000	0.000	0.000	0.000	07/21/2020	12:41
3	CCV1	0.5	1	100	100		2.07	0.000	0.379	0.379	0.474	07/21/2020	12:42
4	CCB1		1	100	100		2.03	0.000	0.000	0.000	0.000	07/21/2020	12:43
5	lb110117BL		1	100	100		2.06	0.000	0.000	0.000	0.000	07/21/2020	12:44
6	lb110117BS	0.5	1	100	100		2.04	0.000	0.395	0.395	0.494	07/21/2020	12:45
7	L3368-02		1	100	100		2.02	0.000	0.000	0.000	0.000	07/21/2020	12:46
8	L3368-02DUP		1	100	100		2.03	0.000	0.000	0.000	0.000	07/21/2020	12:47
9	L3368-02MS	1	2	100	100		2.07	0.000	0.414	0.414	0.518	07/21/2020	12:48
10	L3368-02MSD	1	2	100	100		2.08	0.000	0.413	0.413	0.517	07/21/2020	12:49
11	L3368-03		1	100	100		2.05	0.000	0.000	0.000	0.000	07/21/2020	12:50
12	CCV2	0.5	1	100	100		2.04	0.000	0.377	0.377	0.472	07/21/2020	12:51
13	CCB2		1	100	100		2.06	0.000	0.000	0.000	0.000	07/21/2020	12:52

WORKLIST(Hardcopy Internal Chain)

LB110117

WorkList Name : hex72120 WorkList ID : 140636 Department : Wet-Chemistry Date : 07-21-2020 11:58:28

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
07/18/2020	Water	L3368-02	Hexavalent Chromium	Cool 4 deg C	AQUA04	H61	20200421-SITE-WATER	07/17/2020	7196A
07/18/2020	Water	L3368-03	Hexavalent Chromium	Cool 4 deg C	AQUA04	H61	20200422-FIELD-BLANK	07/17/2020	7196A

Date/Time 07/21/2020 12:00
 Received by: KS (wet-chem)
 Relinquished by: Th (wC)

Date/Time 07/21/2020 13:00
 Received by: JK (wC)
 Relinquished by: KS (wet-chem)