

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB107320

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration STD HexaChrome 1 PPM	WP81457
Calibration STD Hexa Chrome 0.5 PPM	WP81458
Calibration Std. hexchrome 0.1 ppm	WP81459
Calibration Std. hexchrome 0.05 ppm	WP81460
calibration std. hexchrome 0.01 ppm	WP81461
calibration std. hexchrome 0 ppm	WP81462
Hexavalent Chromium ICV Std.	WP81463
Hexavalent Chromium CCV Std	WP81464
Hexavalent Chromium LCS Std	WP81465
hexavalent chromium color reagent	WP81390
5N sulfuric acid	WP79628
HNO3 Hex-Chrome, 5M	WP80978

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	01/23/2020	17:10
2	CAL2	0.01	1	100	100		1.98	0.000	0.008	0.008	01/23/2020	17:11
3	CAL3	0.025	1	100	100		2.06	0.000	0.020	0.020	01/23/2020	17:12
4	CAL4	0.05	1	100	100		2.03	0.000	0.039	0.039	01/23/2020	17:13
5	CAL5	0.1	1	100	100		2.04	0.000	0.079	0.079	01/23/2020	17:14
6	CAL6	0.5	1	100	100		2.05	0.000	0.399	0.399	01/23/2020	17:15
7	CAL7	1	1	100	100		2.06	0.000	0.800	0.800	01/23/2020	17:16

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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	0.389	0.389	0.487	01/23/2020	17:17
2	ICB		1	100	100		2.07	0.000	0.000	0.000	0.000	01/23/2020	17:17
3	CCV1	0.5	1	100	100		2.06	0.000	0.390	0.390	0.488	01/23/2020	17:18
4	CCB1		1	100	100		2.04	0.000	0.000	0.000	0.000	01/23/2020	17:18
5	LB107320BL		1	100	100		2.03	0.000	0.000	0.000	0.000	01/23/2020	17:19
6	LB107320BS	0.5	1	100	100		2.03	0.000	0.378	0.378	0.473	01/23/2020	17:20
7	L1245-06		1	100	100		2.09	0.002	0.002	0.000	0.000	01/23/2020	17:21
8	L1245-06DUP		1	100	100		2.08	0.001	0.001	0.000	0.000	01/23/2020	17:21
9	L1245-06MS	1	2	100	100		2.07	0.001	0.428	0.427	0.534	01/23/2020	17:22
10	L1245-06MSD	1	2	100	100		2.08	0.001	0.427	0.426	0.533	01/23/2020	17:23
11	CCV2	0.5	1	100	100		2.06	0.000	0.385	0.385	0.482	01/23/2020	17:24
12	CCB2		1	100	100		2.04	0.000	0.000	0.000	0.000	01/23/2020	17:25

WORKLIST(Hardcopy Internal Chain)

LB 107320

WorkList Name : HEX12320 WorkList ID : 135315 Department : Wet-Chemistry Date : 01-23-2020 16:55:15

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
01/22/2020	Water	L1245-06	Hexavalent Chromium	Cool 4 deg C	AQUA04	I63	20200047-FIELD-BLANK	01/21/2020	7196A

Date/Time 01/23/20 17:00
 Received by: KS
 Relinquished by: JP

Date/Time 01/23/20 17:30
 Received by: JP
 Relinquished by: KS