

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB107428

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP81639
Calibratation STD Hexa Chrome 0.5 PPM	WP81640
Calibration Std. hexchrome 0.1 ppm	WP81641
Calibration Std. hexchrome 0.05 ppm	WP81642
calibration std. hexchrome 0.01 ppm	WP81643
calibration std. hexchrome 0 ppm	WP81644
Hexavalent Chromium ICV Std.	WP81645
Hexavalent Chromium CCV Std	WP81646
Hexavalent Chromium LCS Std	WP81647
hexavalent chromium color reagent	WP81623
5N sulfuric acid	WP79628
Calibration Std Hexachrome 0.025 ppm	WP81648

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	01/30/2020	09:15
2	CAL2	0.01	1	100	100		2.06	0.000	0.008	0.008	01/30/2020	09:16
3	CAL3	0.025	1	100	100		2.05	0.000	0.020	0.020	01/30/2020	09:17
4	CAL4	0.05	1	100	100		2.06	0.000	0.039	0.039	01/30/2020	09:18
5	CAL5	0.1	1	100	100		2.04	0.000	0.079	0.079	01/30/2020	09:19
6	CAL6	0.5	1	100	100		2.07	0.000	0.399	0.399	01/30/2020	09:20
7	CAL7	1	1	100	100		2.08	0.000	0.800	0.800	01/30/2020	09:21

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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	0.389	0.389	0.487	01/30/2020	09:22
2	ICB		1	100	100		2.04	0.000	0.000	0.000	0.000	01/30/2020	09:23
3	CCV1	0.5	1	100	100		2.05	0.000	0.384	0.384	0.480	01/30/2020	09:24
4	CCB1		1	100	100		2.06	0.000	0.000	0.000	0.000	01/30/2020	09:25
5	LB107428BL		1	100	100		2.03	0.000	0.000	0.000	0.000	01/30/2020	09:26
6	LB107428BS	0.5	1	100	100		2.04	0.000	0.376	0.376	0.470	01/30/2020	09:27
7	L1161-09		1	100	100		2.02	0.000	0.004	0.004	0.005	01/30/2020	09:28
8	L1294-07		1	100	100		2.01	0.003	0.003	0.000	0.000	01/30/2020	09:29
9	L1294-07DUP		1	100	100		2.03	0.002	0.003	0.001	0.002	01/30/2020	09:30
10	L1294-07MS	1	2	100	100		2.04	0.003	0.366	0.363	0.454	01/30/2020	09:31
11	L1294-07MSD	1	2	100	100		2.03	0.002	0.365	0.363	0.454	01/30/2020	09:32
12	CCV2	0.5	1	100	100		2.04	0.000	0.382	0.382	0.478	01/30/2020	09:33
13	CCB2		1	100	100		2.05	0.000	0.000	0.000	0.000	01/30/2020	09:34

WORKLIST(Hardcopy Internal Chain)

LB 107428

WorkList Name : HEX12920-1 WorkList ID : 135510 Department : Wet-Chemistry Date : 01-29-2020 14:50:33

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
01/17/2020	Water	L1161-09	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Office	MDL-WATER-03-QT1-2020	01/16/2020	7196A
01/30/2020	Water	L1294-07	Hexavalent Chromium	Cool 4 deg C	NEWY22	L12	M1	01/29/2020	7196A

Date/Time 01/30/20 09:00
 Received by: KS
 Relinquished by: DK

Date/Time 01/30/20 09:40
 Received by: DK
 Relinquished by: KS