

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB107296

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration STD HexaChrome 1 PPM	WP81398
Calibration STD Hexa Chrome 0.5 PPM	WP81399
Calibration Std. hexchrome 0.1 ppm	WP81406
Calibration Std. hexchrome 0.05 ppm	WP81405
calibration std. hexchrome 0.01 ppm	WP81404
calibration std. hexchrome 0 ppm	WP81402
Hexavalent Chromium ICV Std.	WP81408
Hexavalent Chromium CCV Std	WP81407
Hexavalent Chromium LCS Std	WP81409
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	01/22/2020	12:05
2	CAL2	0.01	1	100	100		2.06	0.000	0.008	0.008	01/22/2020	12:06
3	CAL3	0.025	1	100	100		2.03	0.000	0.020	0.020	01/22/2020	12:07
4	CAL4	0.05	1	100	100		2.02	0.000	0.039	0.039	01/22/2020	12:08
5	CAL5	0.1	1	100	100		1.98	0.000	0.079	0.079	01/22/2020	12:09
6	CAL6	0.5	1	100	100		2.05	0.000	0.399	0.399	01/22/2020	12:10
7	CAL7	1	1	100	100		2.06	0.000	0.800	0.800	01/22/2020	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		2.03	0.000	0.378	0.378	0.473	01/22/2020	12:12
2	ICB		1	100	100		2.04	0.000	0.000	0.000	0.000	01/22/2020	12:13
3	CCV1	0.5	1	100	100		2.05	0.000	0.381	0.381	0.477	01/22/2020	16:05
4	CCB1		1	100	100		2.08	0.000	0.000	0.000	0.000	01/22/2020	16:06
5	LB107296BL		1	100	100		2.05	0.000	0.000	0.000	0.000	01/22/2020	16:06
6	LB107296BS	0.5	1	100	100		2.03	0.000	0.376	0.376	0.470	01/22/2020	16:07
7	L1220-03		1	100	100		2.06	0.000	0.000	0.000	0.000	01/22/2020	16:08
8	L1220-03DUP		1	100	100		2.04	0.000	0.000	0.000	0.000	01/22/2020	16:08
9	L1220-03MS	1	2	100	100		2.08	0.000	0.364	0.364	0.455	01/22/2020	16:09
10	L1220-03MSD	1	2	100	100		2.07	0.000	0.365	0.365	0.457	01/22/2020	16:09
11	CCV2	0.5	1	100	100		2.04	0.000	0.385	0.385	0.482	01/22/2020	16:10
12	CCB2		1	100	100		2.06	0.000	0.000	0.000	0.000	01/22/2020	16:10

WORKLIST(Hardcopy Internal Chain)

WorkList Name : hex12220-1 WorkList ID : 135257 Department : Wet-Chemistry Date : 01-22-2020 10:54:49

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
01/22/2020	Water	L1220-03	Hexavalent Chromium	Cool 4 deg C	SHAW22	I61	OUTFALL001-200121	01/21/2020	7196A

Date/Time 01/22/20 15:45
 Received by: KS
 Relinquished by: SP

Date/Time 01/22/20 16:15
 Received by: JP
 Relinquished by: KS