

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB112105

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP88286
Calibration Std. hexchrome 0.05 ppm	WP88287
calibration std. hexchrome 0.01 ppm	WP88288
calibration std. hexchrome 0 ppm	WP88289
hexavalent chromium color reagent	WP88292
5N sulfuric acid	WP88023
HNO3 Hex-Chrome, 5M	WP88022
Hexchrome Cleaning Solution	WP88024
Calibration Std Hexachrome 0.025 ppm	WP88290
Hexavalent Chromium ICV-LCS Std	WP88291
Calibration and CCV std HexChrome 0.5PPM	WP88285
Calibration std HexChrome 1.0PPM	WP88284

Intercept: -0

Slope: 0.8

Regression: 1

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		2.13	0.000	0.000	0.000	11/23/2020	14:35
2	CAL2	0.01	1	100	100		2.09	0.000	0.008	0.008	11/23/2020	14:36
3	CAL3	0.025	1	100	100		1.97	0.000	0.020	0.020	11/23/2020	14:37
4	CAL4	0.05	1	100	100		1.78	0.000	0.040	0.040	11/23/2020	14:38
5	CAL5	0.1	1	100	100		2.24	0.000	0.080	0.080	11/23/2020	14:39
6	CAL6	0.5	1	100	100		2.16	0.000	0.400	0.400	11/23/2020	14:40
7	CAL7	1	1	100	100		2.34	0.000	0.800	0.800	11/23/2020	14:41

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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		2.25	0.000	0.382	0.382	0.478	11/23/2020	14:42
2	ICB		1	100	100		2.17	0.000	0.000	0.000	0.000	11/23/2020	14:43
3	CCV1	0.5	1	100	100		2.08	0.000	0.383	0.383	0.479	11/23/2020	14:44
4	CCB1		1	100	100		1.79	0.000	0.000	0.000	0.000	11/23/2020	14:45
5	lb112105BL		1	100	100		1.98	0.000	0.000	0.000	0.000	11/23/2020	14:46
6	lb112105BS	0.5	1	100	100		2.36	0.000	0.415	0.415	0.519	11/23/2020	14:47
7	L4877-19		1	100	100		1.85	0.003	0.003	0.000	0.000	11/23/2020	14:48
8	L4877-19DUP		1	100	100		2.19	0.002	0.003	0.001	0.001	11/23/2020	14:49
9	L4877-19MS	1	2	100	100		2.24	0.003	0.405	0.402	0.502	11/23/2020	14:50
10	L4877-19MSD	1	2	100	100		2.37	0.002	0.406	0.404	0.505	11/23/2020	14:51
11	L4877-20		1	100	100		1.83	0.001	0.001	0.000	0.000	11/23/2020	14:52
12	CCV2	0.5	1	100	100		2.17	0.000	0.384	0.384	0.480	11/23/2020	14:53
13	CCB2		1	100	100		2.38	0.000	0.000	0.000	0.000	11/23/2020	14:54

WORKLIST(Hardcopy Internal Chain)

LB 112105

WorkList Name : hex112320-1 WorkList ID : 144423 Department : Wet-Chemistry Date : 11-23-2020 13:48:11

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
11/20/2020	Water	L4877-19 ✓	Hexavalent Chromium	Cool 4 deg C	ROYF02	H61	RB-201119	11/19/2020	7196A
11/20/2020	Water	L4877-20 ✓	Hexavalent Chromium	Cool 4 deg C	ROYF02	H61	RB-201120	11/19/2020	7196A

Date/Time 11/23/2020 13:55
 Received by: KS (Wetchem)
 Relinquished by: KS (Wetchem)

Date/Time 11/23/2020 15:00
 Received by: KS (Wetchem)
 Relinquished by: KS (Wetchem)