

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB107905

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration STD HexaChrome 1 PPM	WP82352
Calibration STD Hexa Chrome 0.5 PPM	WP82353
Calibration Std. hexchrome 0.1 ppm	WP82354
Calibration Std. hexchrome 0.05 ppm	WP82355
calibration std. hexchrome 0.01 ppm	WP82356
calibration std. hexchrome 0 ppm	WP82357
Hexavalent Chromium CCV Std	WP82359
hexavalent chromium color reagent	WP82335
5N sulfuric acid	WP79628
HNO3 Hex-Chrome, 5M	WP80978
Calibration Std Hexachrome 0.025 ppm	WP82360
Hexavalent Chromium ICV-LCS Std	WP82358

Intercept: 0.0009

Slope: 0.7482

Regression: 0.999968

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		2.05	0.000	0.000	0.000	02/21/2020	10:40
2	CAL2	0.01	1	100	100		2.03	0.000	0.007	0.007	02/21/2020	10:41
3	CAL3	0.025	1	100	100		2.04	0.000	0.019	0.019	02/21/2020	10:42
4	CAL4	0.05	1	100	100		2.06	0.000	0.037	0.037	02/21/2020	10:43
5	CAL5	0.1	1	100	100		2.05	0.000	0.078	0.078	02/21/2020	10:44
6	CAL6	0.5	1	100	100		2.06	0.000	0.379	0.379	02/21/2020	10:45
7	CAL7	1	1	100	100		2.02	0.000	0.747	0.747	02/21/2020	10:46

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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		2.05	0.000	0.378	0.378	0.504	02/21/2020	10:47
2	ICB		1	100	100		2.08	0.000	0.000	0.000	-0.001	02/21/2020	10:48
3	CCV1	0.5	1	100	100		2.08	0.000	0.379	0.379	0.505	02/21/2020	10:49
4	CCB1		1	100	100		2.07	0.000	0.000	0.000	-0.001	02/21/2020	10:50
5	LB107905BL		1	100	100		2.03	0.000	0.000	0.000	-0.001	02/21/2020	10:51
6	LB107905BS	0.5	1	100	100		2.07	0.000	0.391	0.391	0.521	02/21/2020	10:52
7	L1644-01		1	100	100		2.05	0.002	0.002	0.000	-0.001	02/21/2020	10:53
8	L1644-01DUP		1	100	100		2.04	0.001	0.002	0.001	0.000	02/21/2020	10:54
9	L1644-01MS	1	2	100	100		2.06	0.002	0.401	0.399	0.532	02/21/2020	10:55
10	L1644-01MSD	1	2	100	100		2.03	0.002	0.402	0.400	0.533	02/21/2020	10:56
11	CCV2	0.5	1	100	100		2.06	0.000	0.389	0.389	0.519	02/21/2020	10:57
12	CCB2		1	100	100		2.07	0.000	0.000	0.000	-0.001	02/21/2020	10:58