

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB107765

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP82143
Calibratation STD Hexa Chrome 0.5 PPM	WP82144
Calibration Std. hexchrome 0.1 ppm	WP82145
Calibration Std. hexchrome 0.05 ppm	WP82146
calibration std. hexchrome 0.01 ppm	WP82147
calibration std. hexchrome 0 ppm	WP82148
Hexavalent Chromium ICV Std.	WP82149
Hexavalent Chromium CCV Std	WP82150
Hexavalent Chromium LCS Std	WP82151
hexavalent chromium color reagent	WP82094
5N sulfuric acid	WP79628
Calibration Std Hexachrome 0.025 ppm	WP82152

Intercept: 0.0004

Slope: 0.7556

Regression: 0.999997

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	02/14/2020	11:40
2	CAL2	0.01	1	100	100		2.03	0.000	0.007	0.007	02/14/2020	11:41
3	CAL3	0.025	1	100	100		2.05	0.000	0.020	0.020	02/14/2020	11:42
4	CAL4	0.05	1	100	100		2.04	0.000	0.038	0.038	02/14/2020	11:43
5	CAL5	0.1	1	100	100		2.06	0.000	0.077	0.077	02/14/2020	11:44
6	CAL6	0.5	1	100	100		2.07	0.000	0.378	0.378	02/14/2020	11:45
7	CAL7	1	1	100	100		2.04	0.000	0.756	0.756	02/14/2020	11:46

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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		2.04	0.000	0.377	0.377	0.498	02/14/2020	11:47
2	ICB		1	100	100		2.06	0.000	0.000	0.000	-0.001	02/14/2020	11:48
3	CCV1	0.5	1	100	100		2.03	0.000	0.381	0.381	0.504	02/14/2020	11:49
4	CCB1		1	100	100		2.06	0.000	0.000	0.000	-0.001	02/14/2020	11:50
5	PB126827BL		1	2.51	100	7.06	2.04	0.000	0.000	0.000	-0.001	02/14/2020	11:51
6	PB126827BS	20	1	2.52	100	7.07	2.08	0.000	0.355	0.355	0.469	02/14/2020	11:52
7	L1528-01		1	2.53	100	7.02	2.09	0.026	0.026	0.000	-0.001	02/14/2020	11:53
8	L1528-01DUP		1	2.52	100	7.03	2.07	0.025	0.026	0.001	0.001	02/14/2020	11:54
9	L1528-01MSPre	40	2	2.51	100	7.04	2.04	0.018	0.079	0.061	0.080	02/14/2020	11:55
10	L1528-01MS2Ins	1284	40	2.53	100	7.09	2.03	0.017	0.653	0.636	0.841	02/14/2020	11:56
11	L1528-01MS3Post	40	2	2.50	100	7.08	2.07	0.017	0.291	0.274	0.362	02/14/2020	11:57
12	L1528-03		1	2.51	100	7.04	2.04	0.020	0.021	0.001	0.001	02/14/2020	11:58
13	L1529-01		1	2.50	100	7.05	2.08	0.025	0.026	0.001	0.001	02/14/2020	11:59
14	L1529-03		1	2.52	100	7.04	2.09	0.031	0.033	0.002	0.002	02/14/2020	12:01
15	CCV2	0.5	1	100	100		2.04	0.000	0.387	0.387	0.512	02/14/2020	12:02
16	CCB2		1	100	100		2.03	0.000	0.378	0.378	0.500	02/14/2020	12:03