

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB107734

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP82084
Calibratation STD Hexa Chrome 0.5 PPM	WP82085
Calibration Std. hexchrome 0.1 ppm	WP82086
Calibration Std. hexchrome 0.05 ppm	WP82087
calibration std. hexchrome 0.01 ppm	WP82088
calibration std. hexchrome 0 ppm	WP82089
Hexavalent Chromium ICV Std.	WP82090
Hexavalent Chromium CCV Std	WP82091
Hexavalent Chromium LCS Std	WP82092
hexavalent chromium color reagent	WP82094
5N sulfuric acid	WP79628
Calibration Std Hexachrome 0.025 ppm	WP82093

Intercept: 0.0009

Slope: 0.7471

Regression: 0.999972

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		2.06	0.000	0.000	0.000	02/13/2020	11:45
2	CAL2	0.01	1	100	100		2.04	0.000	0.007	0.007	02/13/2020	11:46
3	CAL3	0.025	1	100	100		2.03	0.000	0.019	0.019	02/13/2020	11:47
4	CAL4	0.05	1	100	100		2.03	0.000	0.037	0.037	02/13/2020	11:48
5	CAL5	0.1	1	100	100		2.06	0.000	0.078	0.078	02/13/2020	11:49
6	CAL6	0.5	1	100	100		2.07	0.000	0.378	0.378	02/13/2020	11:50
7	CAL7	1	1	100	100		2.09	0.000	0.746	0.746	02/13/2020	11:51

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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	0.503	02/13/2020	11:52
2	ICB		1	100	100		2.06	0.000	0.000	0.000	-0.001	02/13/2020	11:53
3	CCV1	0.5	1	100	100		2.03	0.000	0.379	0.379	0.506	02/13/2020	11:54
4	CCB1		1	100	100		2.05	0.000	0.000	0.000	-0.001	02/13/2020	11:55
5	PB126791BL		1	2.50	100	7.04	2.06	0.000	0.000	0.000	-0.001	02/13/2020	11:56
6	PB126791BS	20	1	2.51	100	7.06	2.07	0.000	0.356	0.356	0.475	02/13/2020	11:57
7	L1370-01		1	2.53	100	7.05	2.09	0.009	0.009	0.000	-0.001	02/13/2020	11:58
8	L1370-01DUP		1	2.52	100	7.08	2.08	0.008	0.009	0.001	0.000	02/13/2020	11:59
9	L1370-01MSPre	40	2	2.51	100	7.09	2.05	0.007	0.127	0.120	0.159	02/13/2020	12:01
10	L1370-01MS2Ins	1284	40	2.53	100	7.07	2.04	0.008	0.658	0.650	0.869	02/13/2020	12:02
11	L1370-01MS3Post	40	2	2.50	100	7.05	2.03	0.006	0.188	0.182	0.242	02/13/2020	12:03
12	L1385-01		1	2.51	100	7.04	2.05	0.020	0.022	0.002	0.001	02/13/2020	12:04
13	L1509-01		1	2.50	100	7.03	2.07	0.029	0.030	0.001	0.000	02/13/2020	12:05
14	L1509-03		1	2.52	100	7.04	2.08	0.025	0.027	0.002	0.001	02/13/2020	12:06
15	CCV2	0.5	1	100	100		2.09	0.000	0.382	0.382	0.510	02/13/2020	12:07
16	CCB2		1	100	100		2.03	0.000	0.000	0.000	-0.001	02/13/2020	12:08