

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB107021

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration STD HexaChrome 1 PPM	WP80942
Calibration STD Hexa Chrome 0.5 PPM	WP80943
Calibration Std. hexchrome 0.1 ppm	WP80948
Calibration Std. hexchrome 0.05 ppm	WP80947
calibration std. hexchrome 0.01 ppm	WP80946
calibration std. hexchrome 0 ppm	WP80945
Hexavalent Chromium ICV Std.	WP80950
Hexavalent Chromium CCV Std	WP80949
Hexavalent Chromium LCS Std	WP80951
hexavalent chromium color reagent	WP80891
5N sulfuric acid	WP79628
HNO3 Hex-Chrome, 5M	WP76601

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		2.02	0.000	0.000	0.000	01/03/2020	12:35
2	CAL2	0.01	1	100	100		2.06	0.000	0.008	0.008	01/03/2020	12:36
3	CAL3	0.025	1	100	100		2.04	0.000	0.020	0.020	01/03/2020	12:37
4	CAL4	0.05	1	100	100		2.05	0.000	0.039	0.039	01/03/2020	12:38
5	CAL5	0.1	1	100	100		2.03	0.000	0.079	0.079	01/03/2020	12:39
6	CAL6	0.5	1	100	100		2.04	0.000	0.399	0.399	01/03/2020	12:40
7	CAL7	1	1	100	100		2.03	0.000	0.800	0.800	01/03/2020	12:41

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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		2.03	0.000	0.387	0.387	0.484	01/03/2020	12:42
2	ICB		1	100	100		2.04	0.000	0.000	0.000	0.000	01/03/2020	12:43
3	CCV1	0.5	1	100	100		2.06	0.000	0.382	0.382	0.478	01/03/2020	15:05
4	CCB1		1	100	100		1.98	0.000	0.000	0.000	0.000	01/03/2020	15:06
5	PB125897BL		1	2.51	100	7.04	2.10	0.000	0.000	0.000	0.000	01/03/2020	15:07
6	PB125897BS	20	1	2.50	100	7.06	1.98	0.001	0.359	0.358	0.448	01/03/2020	15:08
7	L1028-01		1	2.53	100	7.04	2.02	0.052	0.054	0.002	0.003	01/03/2020	15:09
8	L1028-01DUP		1	2.52	100	7.05	2.04	0.050	0.052	0.002	0.003	01/03/2020	15:10
9	L1028-01MSPre	40	2	2.51	100	7.09	2.04	0.029	0.255	0.226	0.283	01/03/2020	15:11
10	L1028-01MS2Ins	1284	40	2.53	100	7.07	2.06	0.027	0.655	0.628	0.785	01/03/2020	15:12
11	L1028-01MS3Post	40	2	2.50	100	7.03	2.05	0.028	0.270	0.242	0.303	01/03/2020	15:13
12	CCV2	0.5	1	100	100		2.08	0.000	0.389	0.389	0.487	01/03/2020	15:14
13	CCB2		1	100	100		2.07	0.000	0.000	0.000	0.000	01/03/2020	15:15