

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB107248

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration STD HexaChrome 1 PPM	WP81320
Calibration STD Hexa Chrome 0.5 PPM	WP81321
Calibration Std. hexchrome 0.1 ppm	WP81326
Calibration Std. hexchrome 0.05 ppm	WP81325
calibration std. hexchrome 0.01 ppm	WP81324
calibration std. hexchrome 0 ppm	WP81323
Hexavalent Chromium ICV Std.	WP81328
Hexavalent Chromium CCV Std	WP81327
Hexavalent Chromium LCS Std	WP81330
hexavalent chromium color reagent	WP81194
5N sulfuric acid	WP79628
HNO3 Hex-Chrome, 5M	WP80978

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		2.03	0.000	0.000	0.000	01/20/2020	12:10
2	CAL2	0.01	1	100	100		2.05	0.000	0.008	0.008	01/20/2020	12:11
3	CAL3	0.025	1	100	100		2.04	0.000	0.020	0.020	01/20/2020	12:12
4	CAL4	0.05	1	100	100		2.06	0.000	0.039	0.039	01/20/2020	12:13
5	CAL5	0.1	1	100	100		2.09	0.000	0.079	0.079	01/20/2020	12:14
6	CAL6	0.5	1	100	100		1.98	0.000	0.399	0.399	01/20/2020	12:15
7	CAL7	1	1	100	100		2.01	0.000	0.800	0.800	01/20/2020	12:16

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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	0.381	0.381	0.477	01/20/2020	12:17
2	ICB		1	100	100		2.03	0.000	0.000	0.000	0.000	01/20/2020	12:18
3	CCV1	0.5	1	100	100		2.06	0.000	0.385	0.385	0.482	01/20/2020	12:19
4	CCB1		1	100	100		2.04	0.000	0.000	0.000	0.000	01/20/2020	12:20
5	PB126204BL		1	2.50	100	7.03	2.09	0.000	0.000	0.000	0.000	01/20/2020	12:21
6	PB126204BS	20	1	2.51	100	7.05	2.08	0.002	0.356	0.354	0.443	01/20/2020	12:22
7	L1004-10		1	2.53	100	7.08	2.04	0.037	0.039	0.002	0.003	01/20/2020	12:23
8	L1004-10DUP		1	2.51	100	7.09	2.06	0.036	0.038	0.002	0.003	01/20/2020	12:24
9	L1004-10MSPre	40	2	2.52	100	7.04	2.03	0.029	0.084	0.055	0.069	01/20/2020	12:25
10	L1004-10MS2Ins	1284	40	2.53	100	7.02	2.07	0.028	0.657	0.629	0.787	01/20/2020	12:26
11	L1004-10MS3Post	40	2	2.54	100	7.08	2.05	0.027	0.226	0.199	0.249	01/20/2020	12:27
12	L1014-06		1	2.51	100	7.07	2.06	0.037	0.038	0.001	0.002	01/20/2020	12:28
13	L1164-06		1	2.55	100	7.06	2.05	0.010	0.011	0.001	0.002	01/20/2020	12:29
14	L1164-07		1	2.52	100	7.06	2.06	0.040	0.041	0.001	0.002	01/20/2020	12:30
15	CCV2	0.5	1	100	100		2.04	0.000	0.379	0.379	0.474	01/20/2020	12:31
16	CCB2		1	100	100		2.03	0.000	0.000	0.000	0.000	01/20/2020	12:32
17	L1164-08		1	2.53	100	7.04	2.04	0.022	0.024	0.002	0.003	01/20/2020	12:33
18	L1181-05		1	2.50	100	7.02	2.06	0.041	0.043	0.002	0.003	01/20/2020	12:34
19	L1187-01		1	2.51	100	7.06	2.03	0.043	0.043	0.000	0.000	01/20/2020	12:35
20	L1188-01		1	2.52	100	7.04	2.07	0.024	0.025	0.001	0.002	01/20/2020	12:36
21	L1188-03		1	2.53	100	7.04	1.98	0.014	0.014	0.000	0.000	01/20/2020	12:37
22	CCV3	0.5	1	100	100		2.01	0.000	0.382	0.382	0.478	01/20/2020	12:38
23	CCB3		1	100	100		2.02	0.000	0.000	0.000	0.000	01/20/2020	12:39