

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB107145

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration STD HexaChrome 1 PPM	WP81142
Calibration STD Hexa Chrome 0.5 PPM	WP81143
Calibration Std. hexchrome 0.1 ppm	WP81148
Calibration Std. hexchrome 0.05 ppm	WP81147
calibration std. hexchrome 0.01 ppm	WP81146
calibration std. hexchrome 0 ppm	WP81145
Hexavalent Chromium ICV Std.	WP81150
Hexavalent Chromium CCV Std	WP81149
Hexavalent Chromium LCS Std	WP81151
hexavalent chromium color reagent	WP81041
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	01/13/2020	13:05
2	CAL2	0.01	1	100	100		2.04	0.000	0.008	0.008	01/13/2020	13:06
3	CAL3	0.025	1	100	100		2.06	0.000	0.020	0.020	01/13/2020	13:07
4	CAL4	0.05	1	100	100		2.09	0.000	0.039	0.039	01/13/2020	13:08
5	CAL5	0.1	1	100	100		2.07	0.000	0.079	0.079	01/13/2020	13:09
6	CAL6	0.5	1	100	100		2.04	0.000	0.399	0.399	01/13/2020	13:10
7	CAL7	1	1	100	100		2.09	0.000	0.800	0.800	01/13/2020	13:11

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								Backgrnd	Color				
1	ICV	0.5	1	100	100		1.98	0.000	0.385	0.385	0.482	01/13/2020	13:12
2	ICB		1	100	100		2.02	0.000	0.000	0.000	0.000	01/13/2020	13:13
3	CCV1	0.5	1	100	100		2.06	0.000	0.380	0.380	0.475	01/13/2020	13:14
4	CCB1		1	100	100		2.07	0.000	0.000	0.000	0.000	01/13/2020	13:15
5	PB126040BL		1	2.50	100	7.03	2.04	0.000	0.000	0.000	0.000	01/13/2020	13:16
6	PB126040BS	20	1	2.51	100	7.06	2.05	0.000	0.381	0.381	0.477	01/13/2020	13:17
7	L1014-01		1	2.53	100	7.04	2.08	0.035	0.036	0.001	0.002	01/13/2020	13:18
8	L1014-01DUP		1	2.55	100	7.08	2.07	0.034	0.035	0.001	0.002	01/13/2020	13:19
9	L1014-01MSPre	40	2	2.52	100	7.09	2.09	0.015	0.028	0.013	0.017	01/13/2020	13:20
10	L1014-01MS2Ins	1284	40	2.53	100	7.02	2.06	0.014	0.652	0.638	0.798	01/13/2020	13:21
11	L1014-01MS3Post	40	2	2.54	100	7.01	2.07	0.014	0.048	0.034	0.043	01/13/2020	13:22
12	L1091-01		1	2.51	100	7.02	2.06	0.082	0.084	0.002	0.003	01/13/2020	13:23
13	L1106-02		1	2.52	100	7.06	2.04	0.025	0.027	0.002	0.003	01/13/2020	13:24
14	L1106-04		1	2.53	100	7.04	2.08	0.022	0.023	0.001	0.002	01/13/2020	13:25
15	CCV2	0.5	1	100	100		2.09	0.000	0.378	0.378	0.473	01/13/2020	13:26
16	CCB2		1	100	100		2.07	0.000	0.000	0.000	0.000	01/13/2020	13:27
17	L1106-06		1	2.55	100	7.04	2.03	0.016	0.018	0.002	0.003	01/13/2020	13:28
18	L1106-08		1	2.51	100	7.05	2.01	0.024	0.025	0.001	0.002	01/13/2020	13:29
19	CCV3	0.5	1	100	100		1.97	0.000	0.381	0.381	0.477	01/13/2020	13:30
20	CCB3		1	100	100		2.06	0.000	0.000	0.000	0.000	01/13/2020	13:31