

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB110950

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP86771
Calibration Std. hexchrome 0.05 ppm	WP86772
calibration std. hexchrome 0.01 ppm	WP86773
calibration std. hexchrome 0 ppm	WP86775
hexavalent chromium color reagent	WP86680
5N sulfuric acid	WP84066
HNO3 Hex-Chrome, 5M	WP84067
Hexchrome Cleaning Solution	WP84106
Calibration Std Hexachrome 0.025 ppm	WP86774
Hexavalent Chromium ICV-LCS Std	WP86776
Calibration and CCV std HexChrome 0.5PPM	WP86770
Calibration std HexChrome 1.0PPM	WP86769

Intercept: 0

Slope: 0.7987

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		2.04	0.000	0.000	0.000	09/14/2020	13:15
2	CAL2	0.01	1	100	100		2.06	0.000	0.009	0.009	09/14/2020	13:16
3	CAL3	0.025	1	100	100		2.03	0.000	0.020	0.020	09/14/2020	13:17
4	CAL4	0.05	1	100	100		2.07	0.000	0.040	0.040	09/14/2020	13:18
5	CAL5	0.1	1	100	100		2.05	0.000	0.079	0.079	09/14/2020	13:19
6	CAL6	0.5	1	100	100		2.08	0.000	0.399	0.399	09/14/2020	13:20
7	CAL7	1	1	100	100		2.02	0.000	0.799	0.799	09/14/2020	13:21

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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	0.383	0.383	0.480	09/14/2020	13:22
2	ICB		1	100	100		2.06	0.000	0.000	0.000	0.000	09/14/2020	13:23
3	CCV1	0.5	1	100	100		2.03	0.000	0.384	0.384	0.481	09/14/2020	13:45
4	CCB1		1	100	100		2.04	0.000	0.000	0.000	0.000	09/14/2020	13:46
5	PB131603BL		1	2.52	100	7.04	2.05	0.000	0.000	0.000	0.000	09/14/2020	13:47
6	PB131603BS	20	1	2.50	100	7.05	2.07	0.000	0.355	0.355	0.444	09/14/2020	13:48
7	L3981-01		1	2.53	100	7.08	2.06	0.010	0.012	0.002	0.003	09/14/2020	13:49
8	L3981-01DUP		1	2.55	100	7.09	2.04	0.009	0.011	0.002	0.003	09/14/2020	13:50
9	L3981-01MSPre	40	2	2.52	100	7.07	2.05	0.008	0.051	0.043	0.054	09/14/2020	13:51
10	L3981-01MS2Ins	1284	40	2.53	100	7.08	2.07	0.006	0.654	0.648	0.811	09/14/2020	13:52
11	L3981-01MS3Post	40	2	2.50	100	7.06	2.09	0.007	0.125	0.118	0.148	09/14/2020	13:53
12	L3981-02		1	2.51	100	7.04	2.08	0.008	0.009	0.001	0.001	09/14/2020	13:54
13	L3981-03		1	2.52	100	7.03	2.03	0.021	0.023	0.002	0.003	09/14/2020	13:55
14	L3981-04		1	2.56	100	7.05	2.02	0.015	0.016	0.001	0.001	09/14/2020	13:56
15	CCV2	0.5	1	100	100		2.04	0.000	0.381	0.381	0.477	09/14/2020	13:57
16	CCB2		1	100	100		2.06	0.000	0.000	0.000	0.000	09/14/2020	13:58
17	L3981-05		1	2.53	100	7.04	2.04	0.012	0.013	0.001	0.001	09/14/2020	13:59
18	L3981-06		1	2.57	100	7.03	2.03	0.011	0.012	0.001	0.001	09/14/2020	14:00
19	L3981-07		1	2.55	100	7.02	2.07	0.017	0.019	0.002	0.003	09/14/2020	14:01
20	L3981-08		1	2.52	100	7.04	2.08	0.010	0.011	0.001	0.001	09/14/2020	14:02
21	L3981-09		1	2.54	100	7.06	2.04	0.016	0.018	0.002	0.003	09/14/2020	14:03
22	L3981-10		1	2.58	100	7.04	2.03	0.008	0.009	0.001	0.001	09/14/2020	14:04
23	L3981-11		1	2.59	100	7.06	2.04	0.025	0.027	0.002	0.003	09/14/2020	14:05
24	L3981-12		1	2.55	100	7.04	2.03	0.008	0.008	0.000	0.000	09/14/2020	14:06
25	CCV3	0.5	1	100	100		2.04	0.000	0.382	0.382	0.478	09/14/2020	14:07
26	CCB3		1	100	100		2.06	0.000	0.000	0.000	0.000	09/14/2020	14:08