

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB111689

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP87823
Calibration Std. hexchrome 0.05 ppm	WP87824
calibration std. hexchrome 0.01 ppm	WP87825
calibration std. hexchrome 0 ppm	WP87826
hexavalent chromium color reagent	WP87829
5N sulfuric acid	WP84066
HNO3 Hex-Chrome, 5M	WP84067
Hexchrome Cleaning Solution	WP84106
Calibration Std Hexachrome 0.025 ppm	WP87828
Hexavalent Chromium ICV-LCS Std	WP87827
Calibration and CCV std HexChrome 0.5PPM	WP87822
Calibration std HexChrome 1.0PPM	WP87830

Intercept: -0

Slope: 0.8

Regression: 1

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	10/26/2020	13:10
2	CAL2	0.01	1	100	100		2.06	0.000	0.008	0.008	10/26/2020	13:11
3	CAL3	0.025	1	100	100		2.03	0.000	0.020	0.020	10/26/2020	13:12
4	CAL4	0.05	1	100	100		2.07	0.000	0.040	0.040	10/26/2020	13:13
5	CAL5	0.1	1	100	100		2.05	0.000	0.080	0.080	10/26/2020	13:14
6	CAL6	0.5	1	100	100		2.08	0.000	0.400	0.400	10/26/2020	13:15
7	CAL7	1	1	100	100		2.02	0.000	0.800	0.800	10/26/2020	13:16

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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		2.04	0.000	0.383	0.383	0.479	10/26/2020	13:17
2	ICB		1	100	100		2.06	0.000	0.000	0.000	0.000	10/26/2020	13:18
3	CCV1	0.5	1	100	100		2.03	0.000	0.381	0.381	0.476	10/26/2020	13:19
4	CCB1		1	100	100		2.07	0.000	0.000	0.000	0.000	10/26/2020	13:20
5	PB132622BL		1	2.51	100	7.04	2.07	0.000	0.000	0.000	0.000	10/26/2020	13:21
6	PB132622BS	20	1	2.50	100	7.06	2.05	0.000	0.354	0.354	0.442	10/26/2020	13:22
7	L4219-17		1	2.53	100	7.05	2.08	0.022	0.024	0.002	0.002	10/26/2020	13:23
8	L4219-17DUP		1	2.52	100	7.03	2.06	0.021	0.023	0.002	0.002	10/26/2020	13:24
9	L4219-17MSPre	40	2	2.55	100	7.08	2.07	0.020	0.048	0.028	0.035	10/26/2020	13:25
10	L4219-17MS2Ins	1284	40	2.53	100	7.09	2.05	0.017	0.652	0.635	0.794	10/26/2020	13:26
11	L4219-17MS3Post	40	2	2.54	100	7.07	2.06	0.018	0.102	0.084	0.105	10/26/2020	13:27
12	L4510-16		1	2.56	100	7.05	2.07	0.021	0.023	0.002	0.002	10/26/2020	13:28
13	L4510-17		1	2.58	100	7.09	2.09	0.023	0.025	0.002	0.002	10/26/2020	13:29
14	L4510-18		1	2.56	100	7.08	2.04	0.036	0.038	0.002	0.002	10/26/2020	13:30
15	CCV2	0.5	1	100	100		2.03	0.000	0.383	0.383	0.479	10/26/2020	13:31
16	CCB2		1	100	100		2.04	0.000	0.000	0.000	0.000	10/26/2020	13:32
17	L4510-19		1	2.55	100	7.06	2.08	0.020	0.022	0.002	0.002	10/26/2020	13:33
18	L4510-20		1	2.57	100	7.04	2.07	0.087	0.089	0.002	0.002	10/26/2020	13:34
19	L4510-21		1	2.54	100	7.03	2.03	0.039	0.040	0.001	0.001	10/26/2020	13:35
20	CCV3	0.5	1	100	100		2.02	0.000	0.385	0.385	0.481	10/26/2020	13:36
21	CCB3		1	100	100		2.04	0.000	0.000	0.000	0.000	10/26/2020	13:37