

Alytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB110582

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP86339
Calibration Std. hexchrome 0.05 ppm	WP86340
calibration std. hexchrome 0.01 ppm	WP86341
calibration std. hexchrome 0 ppm	WP86343
hexavalent chromium color reagent	WP86278
5N sulfuric acid	WP84066
HNO3 Hex-Chrome, 5M	WP84067
Hexchrome Cleaning Solution	WP84106
Calibration Std Hexachrome 0.025 ppm	WP86342
Hexavalent Chromium ICV-LCS Std	WP86344
Calibration and CCV std HexChrome 0.5PPM	WP86338
Calibration std HexChrome 1.0PPM	WP86337

Intercept: -0.0005

Slope: 0.7998

Regression: 0.999997

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	08/18/2020	13:40
2	CAL2	0.01	1	100	100		2.02	0.000	0.008	0.008	08/18/2020	13:41
3	CAL3	0.025	1	100	100		2.06	0.000	0.020	0.020	08/18/2020	13:42
4	CAL4	0.05	1	100	100		2.04	0.000	0.039	0.039	08/18/2020	13:43
5	CAL5	0.1	1	100	100		2.09	0.000	0.079	0.079	08/18/2020	13:44
6	CAL6	0.5	1	100	100		2.07	0.000	0.398	0.398	08/18/2020	13:45
7	CAL7	1	1	100	100		2.08	0.000	0.800	0.800	08/18/2020	13:46

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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	0.382	0.382	0.478	08/18/2020	13:47
2	ICB		1	100	100		2.06	0.000	0.000	0.000	0.001	08/18/2020	13:48
3	CCV1	0.5	1	100	100		2.03	0.000	0.378	0.378	0.473	08/18/2020	13:49
4	CCB1		1	100	100		2.07	0.000	0.000	0.000	0.001	08/18/2020	13:50
5	PB131053BL		1	2.52	100	7.04	2.05	0.000	0.000	0.000	0.001	08/18/2020	13:51
6	PB131053BS	20	1	2.51	100	7.06	2.08	0.000	0.355	0.355	0.444	08/18/2020	13:52
7	L3496-01		1	2.53	100	7.05	2.02	0.025	0.027	0.002	0.003	08/18/2020	13:53
8	L3496-01DUP		1	2.52	100	7.03	2.03	0.024	0.026	0.002	0.003	08/18/2020	13:54
9	L3496-01MSPre	40	2	2.51	100	7.08	2.04	0.022	0.118	0.096	0.121	08/18/2020	13:55
10	L3496-01MS2Ins	1284	40	2.53	100	7.09	2.06	0.021	0.654	0.633	0.792	08/18/2020	13:56
11	L3496-01MS3Post	40	2	2.50	100	7.07	2.08	0.022	0.150	0.128	0.161	08/18/2020	13:57
12	L3500-01		1	2.51	100	7.05	2.07	0.006	0.006	0.000	0.001	08/18/2020	13:58
13	L3508-19		1	2.50	100	7.04	2.09	0.012	0.013	0.001	0.002	08/18/2020	13:59
14	L3719-01		1	2.52	100	7.06	2.04	0.033	0.035	0.002	0.003	08/18/2020	14:00
15	CCV2	0.5	1	100	100		2.06	0.000	0.380	0.380	0.476	08/18/2020	14:01
16	CCB2		1	100	100		2.03	0.000	0.000	0.000	0.001	08/18/2020	14:02
17	L3719-02		1	2.54	100	7.09	2.04	0.091	0.093	0.002	0.003	08/18/2020	14:03
18	L3719-03		1	2.50	100	7.08	2.01	0.121	0.123	0.002	0.003	08/18/2020	14:04
19	L3719-04		1	2.55	100	7.04	2.06	0.087	0.088	0.001	0.002	08/18/2020	14:05
20	L3719-05		1	2.54	100	7.03	2.04	0.047	0.048	0.001	0.002	08/18/2020	14:06
21	L3719-06		1	2.56	100	7.04	2.03	0.160	0.161	0.001	0.002	08/18/2020	14:07
22	CCV3	0.5	1	100	100		2.04	0.000	0.379	0.379	0.474	08/18/2020	14:08
23	CCB3		1	100	100		2.06	0.000	0.000	0.000	0.001	08/18/2020	14:09