

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB110711

pH Meter ID: wc ph meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP86512
Calibration Std. hexchrome 0.05 ppm	WP86514
calibration std. hexchrome 0.01 ppm	WP86515
calibration std. hexchrome 0 ppm	WP86516
hexavalent chromium color reagent	WP86494
5N sulfuric acid	WP84066
HNO3 Hex-Chrome, 5M	WP84067
Hexchrome Cleaning Solution	WP84106
Calibration Std Hexachrome 0.025 ppm	WP86518
Hexavalent Chromium ICV-LCS Std	WP86517
Calibration and CCV std HexChrome 0.5PPM	WP86511
Calibration std HexChrome 1.0PPM	WP86510

Intercept: -0.0001

Slope: 0.7985

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		2.02	0.000	0.000	0.000	08/27/2020	12:05
2	CAL2	0.01	1	100	100		2.04	0.000	0.008	0.008	08/27/2020	12:06
3	CAL3	0.025	1	100	100		2.08	0.000	0.020	0.020	08/27/2020	12:07
4	CAL4	0.05	1	100	100		2.06	0.000	0.039	0.039	08/27/2020	12:08
5	CAL5	0.1	1	100	100		2.04	0.000	0.080	0.080	08/27/2020	12:09
6	CAL6	0.5	1	100	100		2.08	0.000	0.400	0.400	08/27/2020	12:10
7	CAL7	1	1	100	100		2.07	0.000	0.798	0.798	08/27/2020	12:11

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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	08/27/2020	12:12
2	ICB		1	100	100		2.07	0.000	0.000	0.000	0.000	08/27/2020	12:13
3	CCV1	0.5	1	100	100		2.02	0.000	0.380	0.380	0.476	08/27/2020	12:14
4	CCB1		1	100	100		2.08	0.000	0.000	0.000	0.000	08/27/2020	12:15
5	PB131220BL		1	2.52	100	7.05	2.04	0.000	0.000	0.000	0.000	08/27/2020	12:16
6	PB131220BS	20	1	2.51	100	7.08	2.02	0.000	0.352	0.352	0.441	08/27/2020	12:17
7	L3498-01		1	2.55	100	7.07	2.06	0.020	0.021	0.001	0.001	08/27/2020	12:18
8	L3802-01		1	2.53	100	7.06	2.09	0.054	0.056	0.002	0.003	08/27/2020	12:19
9	L3802-01DUP		1	2.52	100	7.05	2.08	0.053	0.055	0.002	0.003	08/27/2020	12:20
10	L3802-01MSPre	40	2	2.51	100	7.09	2.05	0.050	0.105	0.055	0.069	08/27/2020	12:21
11	L3802-01MS2Ins	1284	40	2.53	100	7.04	2.08	0.045	0.632	0.587	0.735	08/27/2020	12:22
12	L3802-01MS3Post	40	2	2.50	100	7.03	2.07	0.051	0.145	0.094	0.118	08/27/2020	12:23
13	L3802-02		1	2.53	100	7.04	2.03	0.080	0.082	0.002	0.003	08/27/2020	12:24
14	L3806-03		1	2.56	100	7.05	2.01	0.016	0.018	0.002	0.003	08/27/2020	12:25
15	CCV2	0.5	1	100	100		2.04	0.000	0.381	0.381	0.477	08/27/2020	12:26
16	CCB2		1	100	100		2.04	0.000	0.000	0.000	0.000	08/27/2020	12:27
17	L3806-08		1	2.55	100	7.06	2.06	0.012	0.012	0.000	0.000	08/27/2020	12:28
18	CCV3	0.5	1	100	100		2.01	0.000	0.382	0.382	0.479	08/27/2020	12:29
19	CCB3		1	100	100		2.03	0.000	0.000	0.000	0.000	08/27/2020	12:30