

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB110618

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP86408
Calibration Std. hexchrome 0.05 ppm	WP86409
calibration std. hexchrome 0.01 ppm	WP86410
calibration std. hexchrome 0 ppm	WP86411
hexavalent chromium color reagent	WP86278
5N sulfuric acid	WP84066
HNO3 Hex-Chrome, 5M	WP84067
Hexchrome Cleaning Solution	WP84106
Calibration Std Hexachrome 0.025 ppm	WP86412
Hexavalent Chromium ICV-LCS Std	WP86413
Calibration and CCV std HexChrome 0.5PPM	WP86407
Calibration std HexChrome 1.0PPM	WP86406

Intercept: -0.0002

Slope: 0.8002

Regression: 0.999999

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		2.08	0.000	0.000	0.000	08/20/2020	13:10
2	CAL2	0.01	1	100	100		2.05	0.000	0.008	0.008	08/20/2020	13:11
3	CAL3	0.025	1	100	100		2.07	0.000	0.020	0.020	08/20/2020	13:12
4	CAL4	0.05	1	100	100		2.03	0.000	0.039	0.039	08/20/2020	13:13
5	CAL5	0.1	1	100	100		2.06	0.000	0.080	0.080	08/20/2020	13:14
6	CAL6	0.5	1	100	100		2.04	0.000	0.400	0.400	08/20/2020	13:15
7	CAL7	1	1	100	100		2.02	0.000	0.800	0.800	08/20/2020	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	08/20/2020	13:17
2	ICB		1	100	100		2.06	0.000	0.000	0.000	0.000	08/20/2020	13:18
3	CCV1	0.5	1	100	100		2.03	0.000	0.377	0.377	0.471	08/20/2020	13:19
4	CCB1		1	100	100		2.07	0.000	0.000	0.000	0.000	08/20/2020	13:20
5	PB131088BL		1	2.52	100	7.09	2.02	0.000	0.000	0.000	0.000	08/20/2020	13:21
6	PB131088BS	20	1	2.51	100	7.08	2.04	0.000	0.352	0.352	0.440	08/20/2020	13:22
7	L3499-01		1	2.53	100	7.03	2.05	0.012	0.013	0.001	0.001	08/20/2020	13:23
8	L3499-01DUP		1	2.52	100	7.05	2.06	0.011	0.013	0.002	0.003	08/20/2020	13:24
9	L3499-01MSPre	40	2	2.51	100	7.06	2.07	0.010	0.287	0.277	0.346	08/20/2020	13:25
10	L3499-01MS2Ins	1284	40	2.53	100	7.04	2.08	0.009	0.651	0.642	0.803	08/20/2020	13:26
11	L3499-01MS3Post	40	2	2.50	100	7.03	2.06	0.009	0.346	0.337	0.421	08/20/2020	13:27
12	L3502-11		1	2.56	100	7.04	2.05	0.020	0.020	0.000	0.000	08/20/2020	13:28
13	L3504-07		1	2.55	100	7.08	2.04	0.018	0.019	0.001	0.001	08/20/2020	13:29
14	L3507-08		1	2.56	100	7.04	2.04	0.015	0.017	0.002	0.003	08/20/2020	13:30
15	CCV2	0.5	1	100	100		2.03	0.000	0.380	0.380	0.475	08/20/2020	13:31
16	CCB2		1	100	100		2.07	0.000	0.000	0.000	0.000	08/20/2020	13:32
17	L3742-03		1	2.54	100	7.02	2.08	0.012	0.013	0.001	0.001	08/20/2020	13:33
18	L3742-07		1	2.58	100	7.09	2.06	0.022	0.024	0.002	0.003	08/20/2020	13:34
19	CCV3	0.5	1	100	100		2.04	0.000	0.382	0.382	0.478	08/20/2020	13:35
20	CCB3		1	100	100		2.03	0.000	0.000	0.000	0.000	08/20/2020	13:36