

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB111091

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP86947
Calibration Std. hexchrome 0.05 ppm	WP86948
calibration std. hexchrome 0.01 ppm	WP86949
calibration std. hexchrome 0 ppm	WP86951
hexavalent chromium color reagent	WP86842
5N sulfuric acid	WP84066
HNO3 Hex-Chrome, 5M	WP84067
Hexchrome Cleaning Solution	WP84106
Calibration Std Hexachrome 0.025 ppm	WP86950
Hexavalent Chromium ICV-LCS Std	WP86952
Calibration and CCV std HexChrome 0.5PPM	WP86946
Calibration std HexChrome 1.0PPM	WP86945

Intercept: 0.0001

Slope: 0.7991

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	09/22/2020	13:25
2	CAL2	0.01	1	100	100		2.06	0.000	0.008	0.008	09/22/2020	13:26
3	CAL3	0.025	1	100	100		2.03	0.000	0.020	0.020	09/22/2020	13:27
4	CAL4	0.05	1	100	100		2.07	0.000	0.040	0.040	09/22/2020	13:28
5	CAL5	0.1	1	100	100		2.05	0.000	0.080	0.080	09/22/2020	13:29
6	CAL6	0.5	1	100	100		2.08	0.000	0.400	0.400	09/22/2020	13:30
7	CAL7	1	1	100	100		2.06	0.000	0.799	0.799	09/22/2020	13:31

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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	09/22/2020	13:32
2	ICB		1	100	100		2.06	0.000	0.000	0.000	0.000	09/22/2020	13:33
3	CCV1	0.5	1	100	100		2.03	0.000	0.378	0.378	0.473	09/22/2020	13:34
4	CCB1		1	100	100		2.07	0.000	0.000	0.000	0.000	09/22/2020	13:35
5	PB131800BL		1	2.52	100	7.04	2.05	0.000	0.000	0.000	0.000	09/22/2020	13:36
6	PB131800BS	20	1	2.53	100	7.06	2.08	0.000	0.359	0.359	0.449	09/22/2020	13:37
7	L3864-08		1	2.53	100	7.05	2.02	0.034	0.036	0.002	0.002	09/22/2020	13:38
8	L3866-06		1	2.55	100	7.03	2.06	0.019	0.020	0.001	0.001	09/22/2020	13:39
9	L3869-06		1	2.53	100	7.08	2.04	0.019	0.020	0.001	0.001	09/22/2020	13:40
10	L3869-06DUP		1	2.56	100	7.09	2.08	0.018	0.020	0.002	0.002	09/22/2020	13:41
11	L3869-06MSPre	40	2	2.54	100	7.07	2.07	0.017	0.184	0.167	0.209	09/22/2020	13:42
12	L3869-06MS2Ins	1284	40	2.52	100	7.05	2.09	0.015	0.652	0.637	0.797	09/22/2020	13:43
13	L3869-06MS3Post	40	2	2.55	100	7.04	2.04	0.016	0.210	0.194	0.243	09/22/2020	13:44
14	L3872-07		1	2.53	100	7.09	2.03	0.014	0.015	0.001	0.001	09/22/2020	13:45
15	CCV2	0.5	1	100	100		2.01	0.000	0.380	0.380	0.475	09/22/2020	13:46
16	CCB2		1	100	100		2.07	0.000	0.000	0.000	0.000	09/22/2020	13:47
17	L4091-01		1	2.54	100	7.04	2.09	0.092	0.094	0.002	0.002	09/22/2020	13:48
18	L4101-01		1	2.55	100	7.03	2.04	0.014	0.014	0.000	0.000	09/22/2020	13:49
19	CCV3	0.5	1	100	100		2.05	0.000	0.382	0.382	0.478	09/22/2020	13:50
20	CCB3		1	100	100		2.03	0.000	0.000	0.000	0.000	09/22/2020	13:51