

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB111470

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP87502
Calibration Std. hexchrome 0.05 ppm	WP87503
calibration std. hexchrome 0.01 ppm	WP87504
calibration std. hexchrome 0 ppm	WP87505
hexavalent chromium color reagent	WP87425
5N sulfuric acid	WP84066
HNO3 Hex-Chrome, 5M	WP84067
Hexchrome Cleaning Solution	WP84106
Calibration Std Hexachrome 0.025 ppm	WP87507
Hexavalent Chromium ICV-LCS Std	WP87506
Calibration and CCV std HexChrome 0.5PPM	WP87501
Calibration std HexChrome 1.0PPM	WP87500

Intercept: -0.0004

Slope: 0.8004

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		2.04	0.000	0.000	0.000	10/13/2020	12:10
2	CAL2	0.01	1	100	100		2.06	0.000	0.008	0.008	10/13/2020	12:11
3	CAL3	0.025	1	100	100		2.03	0.000	0.020	0.020	10/13/2020	12:12
4	CAL4	0.05	1	100	100		2.07	0.000	0.039	0.039	10/13/2020	12:13
5	CAL5	0.1	1	100	100		2.05	0.000	0.079	0.079	10/13/2020	12:14
6	CAL6	0.5	1	100	100		2.08	0.000	0.400	0.400	10/13/2020	12:15
7	CAL7	1	1	100	100		2.02	0.000	0.800	0.800	10/13/2020	12:16

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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		2.06	0.000	0.382	0.382	0.478	10/13/2020	12:17
2	ICB		1	100	100		2.03	0.000	0.000	0.000	0.000	10/13/2020	12:18
3	CCV1	0.5	1	100	100		2.04	0.000	0.377	0.377	0.472	10/13/2020	12:19
4	CCB1		1	100	100		2.07	0.000	0.000	0.000	0.000	10/13/2020	12:20
5	PB132322BL		1	2.53	100	7.05	2.05	0.000	0.000	0.000	0.000	10/13/2020	12:21
6	PB132322BS	20	1	2.51	100	7.03	2.08	0.000	0.355	0.355	0.444	10/13/2020	12:22
7	L4217-01		1	2.53	100	7.08	2.02	0.075	0.077	0.002	0.003	10/13/2020	12:23
8	L4217-01DUP		1	2.55	100	7.09	2.03	0.074	0.076	0.002	0.003	10/13/2020	12:24
9	L4217-01MSPre	40	2	2.53	100	7.06	2.04	0.070	0.125	0.055	0.069	10/13/2020	12:25
10	L4217-01MS2Ins	1284	40	2.56	100	7.04	2.05	0.067	0.652	0.585	0.731	10/13/2020	12:26
11	L4217-01MS3Post	40	2	2.57	100	7.07	2.07	0.071	0.188	0.117	0.147	10/13/2020	12:27
12	L4372-01		1	2.58	100	7.04	2.09	0.045	0.047	0.002	0.003	10/13/2020	12:28
13	CCV2	0.5	1	100	100		2.08	0.000	0.381	0.381	0.477	10/13/2020	12:29
14	CCB2		1	100	100		2.06	0.000	0.000	0.000	0.000	10/13/2020	12:30