

Alytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB109110

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP84196
Calibration Std. hexchrome 0.05 ppm	WP84197
calibration std. hexchrome 0.01 ppm	WP84198
calibration std. hexchrome 0 ppm	WP84199
hexavalent chromium color reagent	WP84202
5N sulfuric acid	WP84066
HNO3 Hex-Chrome, 5M	WP84067
Hexchrome Cleaning Solution	WP84106
Calibration Std Hexachrome 0.025 ppm	WP84201
Hexavalent Chromium ICV-LCS Std	WP84200
Calibration and CCV std HexChrome 0.5PPM	WP84195
Calibration std HexChrome 1.0PPM	WP84194

Intercept: -0.0008

Slope: 0.7981

Regression: 0.999994

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		2.07	0.000	0.000	0.000	05/12/2020	12:05
2	CAL2	0.01	1	100	100		2.05	0.000	0.008	0.008	05/12/2020	12:06
3	CAL3	0.025	1	100	100		2.06	0.000	0.020	0.020	05/12/2020	12:07
4	CAL4	0.05	1	100	100		2.04	0.000	0.038	0.038	05/12/2020	12:08
5	CAL5	0.1	1	100	100		2.02	0.000	0.078	0.078	05/12/2020	12:09
6	CAL6	0.5	1	100	100		2.06	0.000	0.397	0.397	05/12/2020	12:10
7	CAL7	1	1	100	100		2.07	0.000	0.798	0.798	05/12/2020	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		2.07	0.000	0.381	0.381	0.478	05/12/2020	12:12
2	ICB		1	100	100		2.05	0.000	0.000	0.000	0.001	05/12/2020	12:13
3	CCV1	0.5	1	100	100		2.04	0.000	0.377	0.377	0.473	05/12/2020	12:14
4	CCB1		1	100	100		2.06	0.000	0.000	0.000	0.001	05/12/2020	12:15
5	PB128821BL		1	2.50	100	7.03	2.03	0.000	0.000	0.000	0.001	05/12/2020	12:16
6	PB128821BS	20	1	2.51	100	7.05	2.05	0.000	0.358	0.358	0.450	05/12/2020	12:17
7	L2502-01		1	2.53	100	7.06	2.07	0.010	0.012	0.002	0.004	05/12/2020	12:18
8	L2502-01DUP		1	2.52	100	7.04	2.06	0.009	0.011	0.002	0.004	05/12/2020	12:19
9	L2502-01MSPre	40	2	2.51	100	7.08	2.04	0.007	0.050	0.043	0.055	05/12/2020	12:20
10	L2502-01MS2Ins	1284	40	2.53	100	7.09	2.02	0.006	0.651	0.645	0.809	05/12/2020	12:21
11	L2502-01MS3Post	40	2	2.54	100	7.07	2.03	0.006	0.242	0.236	0.297	05/12/2020	12:22
12	L2593-01		1	2.55	100	7.04	2.04	0.014	0.015	0.001	0.002	05/12/2020	12:23
13	L2593-03		1	2.52	100	7.06	2.07	0.014	0.016	0.002	0.004	05/12/2020	12:24
14	L2594-01		1	2.56	100	7.05	2.09	0.017	0.018	0.001	0.002	05/12/2020	12:25
15	CCV2	0.5	1	100	100		2.08	0.000	0.374	0.374	0.470	05/12/2020	12:26
16	CCB2		1	100	100		2.04	0.000	0.000	0.000	0.001	05/12/2020	12:27
17	L2594-03		1	2.54	100	7.06	2.08	0.020	0.022	0.002	0.004	05/12/2020	12:28
18	CCV3	0.5	1	100	100		2.06	0.000	0.375	0.375	0.471	05/12/2020	12:29
19	CCB3		1	100	100		2.05	0.000	0.000	0.000	0.001	05/12/2020	12:30