

Alytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB111213

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP87096
Calibration Std. hexchrome 0.05 ppm	WP87097
calibration std. hexchrome 0.01 ppm	WP87098
calibration std. hexchrome 0 ppm	WP87101
hexavalent chromium color reagent	WP87039
5N sulfuric acid	WP84066
HNO3 Hex-Chrome, 5M	WP84067
Hexchrome Cleaning Solution	WP84106
Calibration Std Hexachrome 0.025 ppm	WP87099
Hexavalent Chromium ICV-LCS Std	WP87100
Calibration and CCV std HexChrome 0.5PPM	WP87095
Calibration std HexChrome 1.0PPM	WP87094

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	09/29/2020	13:15
2	CAL2	0.01	1	100	100		2.06	0.000	0.008	0.008	09/29/2020	13:16
3	CAL3	0.025	1	100	100		2.03	0.000	0.020	0.020	09/29/2020	13:17
4	CAL4	0.05	1	100	100		2.07	0.000	0.040	0.040	09/29/2020	13:18
5	CAL5	0.1	1	100	100		2.05	0.000	0.080	0.080	09/29/2020	13:19
6	CAL6	0.5	1	100	100		2.08	0.000	0.400	0.400	09/29/2020	13:20
7	CAL7	1	1	100	100		2.02	0.000	0.799	0.799	09/29/2020	13:21

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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	0.382	0.382	0.478	09/29/2020	13:22
2	ICB		1	100	100		2.06	0.000	0.000	0.000	0.000	09/29/2020	13:23
3	CCV1	0.5	1	100	100		2.03	0.000	0.377	0.377	0.472	09/29/2020	13:24
4	CCB1		1	100	100		2.07	0.000	0.000	0.000	0.000	09/29/2020	13:25
5	PB131941BL		1	2.51	100	7.04	2.05	0.000	0.000	0.000	0.000	09/29/2020	13:26
6	PB131941BS	20	1	2.50	100	7.06	2.08	0.000	0.359	0.359	0.449	09/29/2020	13:27
7	L3867-07		1	2.53	100	7.05	2.02	0.016	0.017	0.001	0.001	09/29/2020	13:28
8	L3869-11		1	2.52	100	7.03	2.06	0.034	0.036	0.002	0.002	09/29/2020	13:29
9	L4158-02		1	2.51	100	7.08	2.07	0.046	0.048	0.002	0.002	09/29/2020	13:30
10	L4158-02DUP		1	2.53	100	7.09	2.08	0.045	0.047	0.002	0.002	09/29/2020	13:31
11	L4158-02MSPre	40	2	2.54	100	7.07	2.09	0.043	0.182	0.139	0.174	09/29/2020	13:32
12	L4158-02MS2Ins	1284	40	2.53	100	7.09	2.05	0.040	0.652	0.612	0.766	09/29/2020	13:33
13	L4158-02MS3Post	40	2	2.56	100	7.08	2.06	0.042	0.302	0.260	0.325	09/29/2020	13:34
14	CCV2	0.5	1	100	100		2.09	0.000	0.379	0.379	0.474	09/29/2020	13:35
15	CCB2		1	100	100		2.08	0.000	0.000	0.000	0.000	09/29/2020	13:36