

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB108324

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP82962
Calibratation STD Hexa Chrome 0.5 PPM	WP82963
Calibration Std. hexchrome 0.1 ppm	WP82964
Calibration Std. hexchrome 0.05 ppm	WP82965
calibration std. hexchrome 0.01 ppm	WP82966
calibration std. hexchrome 0 ppm	WP82967
Hexavalent Chromium CCV Std	WP82970
hexavalent chromium color reagent	WP82865
5N sulfuric acid	WP79628
HNO3 Hex-Chrome, 5M	WP80978
Calibration Std Hexachrome 0.025 ppm	WP82971
Hexavalent Chromium ICV-LCS Std	WP82968

Intercept: 0.0008

Slope: 0.7891

Regression: 0.999921

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	03/18/2020	13:15
2	CAL2	0.01	1	100	100		2.06	0.000	0.008	0.008	03/18/2020	13:16
3	CAL3	0.025	1	100	100		2.03	0.000	0.018	0.018	03/18/2020	13:17
4	CAL4	0.05	1	100	100		2.05	0.000	0.039	0.039	03/18/2020	13:18
5	CAL5	0.1	1	100	100		2.07	0.000	0.081	0.081	03/18/2020	13:19
6	CAL6	0.5	1	100	100		2.02	0.000	0.403	0.403	03/18/2020	13:20
7	CAL7	1	1	100	100		2.06	0.000	0.786	0.786	03/18/2020	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		2.07	0.000	0.405	0.405	0.512	03/18/2020	13:22
2	ICB		1	100	100		2.05	0.000	0.000	0.000	-0.001	03/18/2020	13:23
3	CCV1	0.5	1	100	100		2.03	0.000	0.402	0.402	0.508	03/18/2020	13:24
4	CCB1		1	100	100		2.06	0.000	0.000	0.000	-0.001	03/18/2020	13:25
5	PB127612BL		1	2.50	100	7.09	2.04	0.000	0.000	0.000	-0.001	03/18/2020	13:26
6	PB127612BS	20	1	2.51	100	7.08	2.05	0.000	0.353	0.353	0.446	03/18/2020	13:27
7	L1759-11		1	2.53	100	7.03	2.06	0.010	0.012	0.002	0.002	03/18/2020	13:28
8	L1759-11DUP		1	2.52	100	7.05	2.07	0.009	0.011	0.002	0.002	03/18/2020	13:29
9	L1759-11MSPre	40	2	2.51	100	7.06	2.04	0.005	0.047	0.042	0.052	03/18/2020	13:30
10	L1759-11MS2Ins	1284	40	2.53	100	7.04	2.03	0.006	0.654	0.648	0.820	03/18/2020	13:31
11	L1759-11MS3Post	40	2	2.50	100	7.07	2.02	0.005	0.071	0.066	0.083	03/18/2020	13:32
12	L1948-09		1	2.51	100	7.05	2.04	0.008	0.009	0.001	0.000	03/18/2020	13:33
13	L1954-02		1	2.52	100	7.06	2.09	0.018	0.020	0.002	0.002	03/18/2020	13:34
14	L1954-06		1	2.57	100	7.05	2.08	0.014	0.015	0.001	0.000	03/18/2020	13:35
15	CCV2	0.5	1	100	100		2.04	0.000	0.402	0.402	0.508	03/18/2020	13:36
16	CCB2		1	100	100		2.03	0.000	0.000	0.000	-0.001	03/18/2020	13:37