

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB107593

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP81868
Calibratation STD Hexa Chrome 0.5 PPM	WP81869
Calibration Std. hexchrome 0.1 ppm	WP81870
Calibration Std. hexchrome 0.05 ppm	WP81872
calibration std. hexchrome 0.01 ppm	WP81873
calibration std. hexchrome 0 ppm	WP81875
Hexavalent Chromium ICV Std.	WP81876
Hexavalent Chromium CCV Std	WP81877
Hexavalent Chromium LCS Std	WP81878
hexavalent chromium color reagent	WP81846
5N sulfuric acid	WP79628
Calibration Std Hexachrome 0.025 ppm	WP81879

Intercept: 0.0003

Slope: 0.7562

Regression: 0.999993

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		2.06	0.000	0.000	0.000	02/06/2020	13:05
2	CAL2	0.01	1	100	100		2.05	0.000	0.007	0.007	02/06/2020	13:06
3	CAL3	0.025	1	100	100		2.04	0.000	0.019	0.019	02/06/2020	13:07
4	CAL4	0.05	1	100	100		2.03	0.000	0.037	0.037	02/06/2020	13:08
5	CAL5	0.1	1	100	100		2.07	0.000	0.078	0.078	02/06/2020	13:09
6	CAL6	0.5	1	100	100		2.06	0.000	0.379	0.379	02/06/2020	13:10
7	CAL7	1	1	100	100		2.05	0.000	0.756	0.756	02/06/2020	13:11

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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		2.05	0.000	0.379	0.379	0.501	02/06/2020	13:12
2	ICB		1	100	100		2.06	0.000	0.000	0.000	0.000	02/06/2020	13:13
3	CCV1	0.5	1	100	100		2.04	0.000	0.382	0.382	0.505	02/06/2020	13:14
4	CCB1		1	100	100		2.03	0.000	0.000	0.000	0.000	02/06/2020	13:15
5	PB126634BL		1	2.51	100	7.03	2.08	0.000	0.000	0.000	0.000	02/06/2020	13:16
6	PB126634BS	20	1	2.53	100	7.08	2.07	0.000	0.362	0.362	0.478	02/06/2020	13:17
7	L1365-01		1	2.53	100	7.04	2.06	0.018	0.019	0.001	0.001	02/06/2020	13:18
8	L1365-01DUP		1	2.52	100	7.05	2.04	0.017	0.019	0.002	0.002	02/06/2020	13:19
9	L1365-01MSPre	40	2	2.51	100	7.09	2.03	0.012	0.135	0.123	0.162	02/06/2020	13:20
10	L1365-01MS2Ins	1284	40	2.53	100	7.04	2.05	0.013	0.657	0.644	0.851	02/06/2020	13:21
11	L1365-01MS3Post	40	2	2.50	100	7.08	2.09	0.013	0.189	0.176	0.232	02/06/2020	13:22
12	L1394-08		1	2.51	100	7.05	2.07	0.002	0.002	0.000	0.000	02/06/2020	13:23
13	L1408-01		1	2.50	100	7.06	2.05	0.052	0.053	0.001	0.001	02/06/2020	13:24
14	L1408-02		1	2.52	100	7.07	2.03	0.005	0.006	0.001	0.001	02/06/2020	13:25
15	CCV2	0.5	1	100	100		2.04	0.000	0.380	0.380	0.502	02/06/2020	13:26
16	CCB2		1	100	100		2.08	0.000	0.000	0.000	0.000	02/06/2020	13:27
17	L1408-05		1	2.53	100	7.02	2.04	0.042	0.044	0.002	0.002	02/06/2020	13:28
18	L1408-06		1	2.50	100	7.04	2.03	0.008	0.009	0.001	0.001	02/06/2020	13:29
19	L1408-09		1	2.54	100	7.05	2.01	0.024	0.026	0.002	0.002	02/06/2020	13:30
20	L1408-10		1	2.52	100	7.06	2.04	0.012	0.013	0.001	0.001	02/06/2020	13:31
21	L1408-11		1	2.53	100	7.02	2.06	0.060	0.062	0.002	0.002	02/06/2020	13:32
22	L1408-12		1	2.50	100	7.04	2.04	0.012	0.013	0.001	0.001	02/06/2020	13:33
23	CCV3	0.5	1	100	100		2.03	0.000	0.386	0.386	0.510	02/06/2020	13:34
24	CCB3		1	100	100		2.04	0.000	0.000	0.000	0.000	02/06/2020	13:35