

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB107815

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration STD HexaChrome 1 PPM	WP82238
Calibration STD Hexa Chrome 0.5 PPM	WP82239
Calibration Std. hexchrome 0.1 ppm	WP82240
Calibration Std. hexchrome 0.05 ppm	WP82241
calibration std. hexchrome 0.01 ppm	WP82242
calibration std. hexchrome 0 ppm	WP82243
Hexavalent Chromium CCV Std	WP82245
hexavalent chromium color reagent	WP82094
5N sulfuric acid	WP79628
HNO3 Hex-Chrome, 5M	WP80978
Calibration Std Hexachrome 0.025 ppm	WP82246
Hexavalent Chromium ICV-LCS Std	WP82244

Intercept: 0.0007

Slope: 0.7548

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		2.06	0.000	0.000	0.000	02/18/2020	11:50
2	CAL2	0.01	1	100	100		2.09	0.000	0.008	0.008	02/18/2020	11:51
3	CAL3	0.025	1	100	100		2.04	0.000	0.019	0.019	02/18/2020	11:52
4	CAL4	0.05	1	100	100		2.03	0.000	0.038	0.038	02/18/2020	11:53
5	CAL5	0.1	1	100	100		2.04	0.000	0.078	0.078	02/18/2020	11:54
6	CAL6	0.5	1	100	100		2.08	0.000	0.379	0.379	02/18/2020	11:55
7	CAL7	1	1	100	100		2.07	0.000	0.755	0.755	02/18/2020	11:56

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								Backgrnd	Color				
1	ICV	0.5	1	100	100		2.04	0.000	0.389	0.389	0.514	02/18/2020	11:57
2	ICB		1	100	100		2.03	0.000	0.000	0.000	-0.001	02/18/2020	11:58
3	CCV1	0.5	1	100	100		2.05	0.000	0.378	0.378	0.500	02/18/2020	11:59
4	CCB1		1	100	100		2.04	0.000	0.000	0.000	-0.001	02/18/2020	12:00
5	PB126898BL		1	2.52	100	7.04	2.06	0.000	0.000	0.000	-0.001	02/18/2020	12:01
6	PB126898BS	20	1	2.51	100	7.06	2.08	0.000	0.353	0.353	0.467	02/18/2020	12:02
7	L1558-01		1	2.53	100	7.05	2.06	0.059	0.060	0.001	0.000	02/18/2020	12:03
8	L1558-01DUP		1	2.52	100	7.03	2.05	0.058	0.060	0.002	0.002	02/18/2020	12:04
9	L1558-01MSPre	40	2	2.51	100	7.07	2.04	0.039	0.083	0.044	0.057	02/18/2020	12:05
10	L1558-01MS2Ins	1284	40	2.53	100	7.04	2.09	0.040	0.658	0.618	0.818	02/18/2020	12:06
11	L1558-01MS3Post	40	2	2.50	100	7.09	2.07	0.038	0.123	0.085	0.112	02/18/2020	12:07
12	L1558-02		1	2.51	100	7.05	2.09	0.016	0.017	0.001	0.000	02/18/2020	12:08
13	L1558-03		1	2.50	100	7.09	2.04	0.062	0.064	0.002	0.002	02/18/2020	12:09
14	L1558-04		1	2.52	100	7.04	2.03	0.018	0.019	0.001	0.000	02/18/2020	12:10
15	CCV2	0.5	1	100	100		2.07	0.000	0.382	0.382	0.505	02/18/2020	12:11
16	CCB2		1	100	100		2.03	0.000	0.000	0.000	-0.001	02/18/2020	12:12