

Analytical Summary Report

Analysis Method: 7196A

ANALYST: chirag

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB105890

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP79240
Calibratation STD Hexa Chrome 0.5 PPM	WP79241
Calibration Std. hexchrome 0.1 ppm	WP79247
Calibration Std. hexchrome 0.05 ppm	WP79245
calibration std. hexchrome 0.01 ppm	WP79244
calibration std. hexchrome 0 ppm	WP79243
Hexavalent Chromium ICV Std.	WP79253
Hexavalent Chromium CCV Std	WP79249
Hexavalent Chromium LCS Std	WP79256
hexavalent chromium color reagent	WP78199
5N sulfuric acid	WP76600
Calibration std Hexachrome, 0.025ppm	WP79242

Intercept: -0.0003

Slope: 0.7999

Regression: 0.999999

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		2.10	0.000	0.000	0.000	10/23/2019	11:01
2	CAL2	0.01	1	100	100		1.56	0.000	0.008	0.008	10/23/2019	11:01
3	CAL3	0.025	1	100	100		1.60	0.000	0.019	0.019	10/23/2019	11:02
4	CAL4	0.05	1	100	100		2.05	0.000	0.040	0.040	10/23/2019	11:03
5	CAL5	0.1	1	100	100		2.10	0.000	0.080	0.080	10/23/2019	11:03
6	CAL6	0.5	1	100	100		1.56	0.000	0.399	0.399	10/23/2019	11:04
7	CAL7	1	1	100	100		1.56	0.000	0.800	0.800	10/23/2019	11:05

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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		1.56	0.000	0.389	0.389	0.487	10/23/2019	11:05
2	ICB		1	100	100		1.60	0.000	0.000	0.000	0.000	10/23/2019	11:05
3	CCV1	0.5	1	100	100		2.10	0.000	0.384	0.384	0.480	10/23/2019	16:30
4	CCB1		1	100	100		1.56	0.000	0.000	0.000	0.000	10/23/2019	16:30
5	PB124239BL		1	2.52	100	7.15	1.56	0.000	0.000	0.000	0.000	10/23/2019	16:31
6	PB124239BS	20	1	2.52	100	7.50	2.10	0.000	0.384	0.384	0.480	10/23/2019	16:32
7	K5497-01		1	2.53	100	7.15	2.05	0.013	0.013	0.000	0.000	10/23/2019	16:32
8	K5497-01DUP		1	2.51	100	7.65	2.05	0.013	0.013	0.000	0.000	10/23/2019	16:33
9	K5497-01MSPre	40	2	2.50	100	7.15	1.60	0.013	0.371	0.358	0.448	10/23/2019	16:33
10	K5497-01MS2Ins	1284	40	2.50	100	7.85	1.56	0.013	0.671	0.658	0.823	10/23/2019	16:34
11	K5497-01MS3Post	40	2	2.50	100	7.25	1.60	0.013	0.395	0.382	0.478	10/23/2019	13:34
12	K5497-03		1	2.52	100	7.12	1.65	0.016	0.016	0.000	0.000	10/23/2019	16:35
13	K5497-05		1	2.51	100	7.15	2.05	0.020	0.020	0.000	0.000	10/23/2019	16:35
14	K5497-07		1	2.55	100	7.50	1.56	0.031	0.031	0.000	0.000	10/23/2019	16:36
15	CCV2	0.5	1	100	100		2.01	0.000	0.381	0.381	0.477	10/23/2019	16:36
16	CCB2		1	100	100		2.10	0.000	0.000	0.000	0.000	10/23/2019	16:37
17	K5497-09		1	2.54	100	7.25	1.56	0.025	0.025	0.000	0.000	10/23/2019	16:38
18	K5497-11		1	2.55	100	7.12	2.05	0.015	0.015	0.000	0.000	10/23/2019	16:38
19	K5497-13		1	2.51	100	7.85	2.10	0.026	0.026	0.000	0.000	10/23/2019	16:39
20	K5497-15		1	2.51	100	7.25	2.05	0.016	0.016	0.000	0.000	10/23/2019	16:39
21	K5497-17		1	2.54	100	7.12	1.65	0.018	0.018	0.000	0.000	10/23/2019	16:40
22	K5497-19		1	2.50	100	7.15	2.10	0.015	0.015	0.000	0.000	10/23/2019	16:41
23	CCV3	0.5	1	100	100		2.10	0.000	0.379	0.379	0.474	10/23/2019	16:42
24	CCB3		1	100	100		2.10	0.000	0.000	0.000	0.000	10/23/2019	16:42