

Analytical Summary Report

Analysis Method: 7196A

ANALYST: chirag

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB104655

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP77425
Calibratation STD Hexa Chrome 0.5 PPM	WP77426
Calibration Std. hexchrome 0.1 ppm	WP77431
Calibration Std. hexchrome 0.05 ppm	WP77430
calibration std. hexchrome 0.01 ppm	WP77429
calibration std. hexchrome 0 ppm	WP77428
Hexavalent Chromium ICV Std.	WP77433
Hexavalent Chromium CCV Std	WP77432
Hexavalent Chromium LCS Std	WP77434
hexavalent chromium color reagent	WP77397
5N sulfuric acid	WP76600
Calibration std Hexachrome, 0.025ppm	WP77427

Intercept: 0.0002

Slope: 0.7987

Regression: 0.999991

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	08/16/2019	12:32
2	CAL2	0.01	1	100	100		1.56	0.000	0.008	0.008	08/16/2019	12:33
3	CAL3	0.025	1	100	100		1.89	0.000	0.019	0.019	08/16/2019	12:33
4	CAL4	0.05	1	100	100		1.96	0.000	0.039	0.039	08/16/2019	12:34
5	CAL5	0.1	1	100	100		2.00	0.000	0.082	0.082	08/16/2019	12:35
6	CAL6	0.5	1	100	100		2.10	0.000	0.401	0.401	08/16/2019	12:35
7	CAL7	1	1	100	100		1.65	0.000	0.798	0.798	08/16/2019	12:36

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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		2.10	0.000	0.402	0.402	0.503	08/16/2019	12:37
2	ICB		1	100	100		2.10	0.000	0.000	0.000	0.000	08/16/2019	12:38
3	CCV1	0.5	1	100	100		1.56	0.000	0.386	0.386	0.483	08/16/2019	12:45
4	CCB1		1	100	100		2.05	0.000	0.000	0.000	0.000	08/16/2019	12:45
5	PB122330BL		1	2.52	100	7.12	2.10	0.000	0.000	0.000	0.000	08/16/2019	12:46
6	PB122330BS	20	1	2.52	100	7.12	2.05	0.000	0.372	0.372	0.466	08/16/2019	12:47
7	K3616-01		1	2.53	100	7.25	1.60	0.011	0.011	0.000	0.000	08/16/2019	12:48
8	K3616-08		1	2.51	100	7.85	1.65	0.013	0.013	0.000	0.000	08/16/2019	12:49
9	K3616-08DUP		1	2.50	100	7.65	2.01	0.013	0.013	0.000	0.000	08/16/2019	12:49
10	K3616-08MSPre	40	2	2.50	100	7.15	1.60	0.013	0.361	0.348	0.435	08/16/2019	12:50
11	K3616-08MS2Ins	1284	40	2.54	100	7.85	1.65	0.013	0.682	0.669	0.837	08/16/2019	12:51
12	K3616-08MS3Post	40	2	2.52	100	7.15	2.05	0.013	0.380	0.367	0.459	08/16/2019	12:52
13	K3616-15		1	2.55	100	7.85	1.56	0.019	0.019	0.000	0.000	08/16/2019	12:53
14	K4090-09		1	2.53	100	7.50	1.65	0.022	0.022	0.000	0.000	08/16/2019	12:54
15	CCV2	0.5	1	100	100		2.05	0.000	0.395	0.395	0.494	08/16/2019	12:55
16	CCB2		1	100	100		2.10	0.000	0.000	0.000	0.000	08/16/2019	12:56
17	K4365-01		1	2.50	100	7.25	2.01	0.017	0.017	0.000	0.000	08/16/2019	12:57
18	K4365-02		1	2.53	100	7.85	1.56	0.023	0.023	0.000	0.000	08/16/2019	12:58
19	K4365-03		1	2.54	100	7.25	1.65	0.014	0.014	0.000	0.000	08/16/2019	12:59
20	K4365-04		1	2.54	100	7.65	2.10	0.017	0.017	0.000	0.000	08/16/2019	13:00
21	K4365-05		1	2.53	100	7.25	1.60	0.026	0.026	0.000	0.000	08/16/2019	13:01
22	K4372-01		1	2.51	100	7.15	2.05	0.042	0.042	0.000	0.000	08/16/2019	13:02
23	K4377-01		1	2.54	100	7.25	2.10	0.033	0.033	0.000	0.000	08/16/2019	13:03
24	K4377-03		1	2.53	100	7.85	2.01	0.029	0.029	0.000	0.000	08/16/2019	13:04
25	K4383-03		1	2.56	100	7.65	2.10	0.009	0.009	0.000	0.000	08/16/2019	13:05
26	CCV3	0.5	1	100	100		1.56	0.000	0.399	0.399	0.499	08/16/2019	13:06
27	CCB3		1	100	100		1.65	0.000	0.000	0.000	0.000	08/16/2019	13:07