

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB91886

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP60022
Calibration Std. hexchrome 0.05 ppm	WP60021
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP60024
Calibratation STD Hexa Chrome 0.5 PPM	WP60023
calibration std. hexchrome 0.01 ppm	WP60016
calibration std. hexchrome 0 ppm	WP60015
Hexavalent Chromium ICV Std.	WP60025
Hexavalent Chromium CCV Std	WP60026
hexavalent chromium color reagent	WP60013
HNO3 Hex-Chrome, 5M	WP58774
Calibration std Hexachrome, 0.025ppm	WP60020

Intercept: 0.0004

Slope: 0.7751

Regression: 0.999933

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		2.19	0.000	0.000	0.000	12/01/2017	13:05
2	CAL2	0.01	1	100	100		1.80	0.000	0.007	0.007	12/01/2017	13:05
3	CAL3	0.025	1	100	100		2.13	0.000	0.018	0.018	12/01/2017	13:06
4	CAL4	0.05	1	100	100		2.21	0.000	0.038	0.038	12/01/2017	13:06
5	CAL5	0.1	1	100	100		1.60	0.000	0.079	0.079	12/01/2017	13:07
6	CAL6	0.5	1	100	100		1.55	0.000	0.395	0.395	12/01/2017	13:58
7	CAL7	1	1	100	100		2.43	0.000	0.772	0.772	12/01/2017	13:08



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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		2.11	0.000	0.389	0.389	0.501	12/01/2017	13:09
2	ICB		1	100	100		1.85	0.000	0.000	0.000	-0.001	12/01/2017	13:10
3	CCV1	0.5	1	100	100		1.94	0.000	0.390	0.390	0.503	12/01/2017	13:10
4	CCB1		1	100	100		2.21	0.000	0.000	0.000	-0.001	12/01/2017	13:11
5	PB104660BL		1	2.55	100	7.16	2.27	0.000	0.000	0.000	-0.001	12/01/2017	13:11
6	PB104660BS	20	1	2.50	100	7.25	1.66	0.000	0.375	0.375	0.483	12/01/2017	13:12
7	I6642-01		1	2.52	100	7.51	1.78	0.015	0.015	0.000	-0.001	12/01/2017	13:12
8	I6642-02		1	2.51	100	7.33	1.84	0.016	0.016	0.000	-0.001	12/01/2017	13:13
9	I6642-03		1	2.55	100	7.80	2.06	0.019	0.019	0.000	-0.001	12/01/2017	13:13
10	I6656-01		1	2.54	100	7.16	2.33	0.017	0.017	0.000	-0.001	12/01/2017	13:14
11	I6656-02		1	2.50	100	7.24	2.46	0.022	0.022	0.000	-0.001	12/01/2017	13:14
12	I6656-03		1	2.51	100	7.30	1.91	0.030	0.032	0.002	0.002	12/01/2017	13:15
13	I6656-04		1	2.50	100	7.09	1.89	0.010	0.010	0.000	-0.001	12/01/2017	13:15
14	I6656-05		1	2.54	100	7.11	1.66	0.021	0.021	0.000	-0.001	12/01/2017	13:16
15	CCV2	0.5	1	100	100		2.07	0.000	0.390	0.390	0.503	12/01/2017	13:16
16	CCB2		1	100	100		2.30	0.000	0.000	0.000	-0.001	12/01/2017	13:17
17	I6656-06		1	2.54	100	7.37	2.25	0.017	0.017	0.000	-0.001	12/01/2017	13:17
18	I6656-06DUP		1	2.51	100	7.32	1.84	0.018	0.018	0.000	-0.001	12/01/2017	13:18
19	I6656-06MSPre	40	2	2.52	100	7.10	1.70	0.019	0.269	0.250	0.322	12/01/2017	13:18
20	I6656-06MS2Ins	1284	40	2.53	100	7.25	1.54	0.015	0.602	0.587	0.757	12/01/2017	13:19
21	I6656-06MS3Post	40	2	2.51	100	7.21	2.01	0.021	0.298	0.277	0.357	12/01/2017	13:19
22	I6656-07		1	2.50	100	7.34	2.13	0.020	0.029	0.009	0.011	12/01/2017	13:20
23	I6656-08		1	2.54	100	7.41	1.62	0.029	0.029	0.000	-0.001	12/01/2017	13:20
24	I6656-09		1	2.55	100	7.78	2.20	0.009	0.009	0.000	-0.001	12/01/2017	13:21
25	I6659-01		1	2.54	100	7.66	2.29	0.010	0.010	0.000	-0.001	12/01/2017	13:21
26	CCV3	0.5	1	100	100		1.89	0.000	0.391	0.391	0.504	12/01/2017	13:22
27	CCB3		1	100	100		1.97	0.000	0.000	0.000	-0.001	12/01/2017	13:22