

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB99625

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP70074
Calibration Std. hexchrome 0.05 ppm	WP70073
5N sulfuric acid	WP70044
Calibratation STD HexaChrome 1 PPM	WP70076
Calibratation STD Hexa Chrome 0.5 PPM	WP70075
calibration std. hexchrome 0.01 ppm	WP70071
calibration std. hexchrome 0 ppm	WP70070
Hexavalent Chromium ICV Std.	WP70077
Hexavalent Chromium CCV Std	WP70079
hexavalent chromium color reagent	WP70013
HNO3 Hex-Chrome, 5M	WP70045
Calibration std Hexachrome, 0.025ppm	WP70072

Intercept: -0.0001

Slope: 0.7717

Regression: 0.999978

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		2.16	0.000	0.000	0.000	12/06/2018	13:30
2	CAL2	0.01	1	100	100		1.89	0.000	0.007	0.007	12/06/2018	13:30
3	CAL3	0.025	1	100	100		1.63	0.000	0.017	0.017	12/06/2018	13:31
4	CAL4	0.05	1	100	100		1.99	0.000	0.038	0.038	12/06/2018	13:31
5	CAL5	0.1	1	100	100		2.08	0.000	0.079	0.079	12/06/2018	13:32
6	CAL6	0.5	1	100	100		1.74	0.000	0.389	0.389	12/06/2018	13:32
7	CAL7	1	1	100	100		2.21	0.000	0.770	0.770	12/06/2018	13:33

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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	0.392	0.392	0.508	12/06/2018	13:33
2	ICB		1	100	100		2.04	0.000	0.000	0.000	0.000	12/06/2018	13:34
3	CCV1	0.5	1	100	100		2.37	0.000	0.392	0.392	0.508	12/06/2018	13:34
4	CCB1		1	100	100		1.70	0.000	0.000	0.000	0.000	12/06/2018	13:35
5	PB115414BL		1	2.51	100	7.53	1.84	0.000	0.000	0.000	0.000	12/06/2018	13:35
6	PB115414BS	20	1	2.52	100	7.10	2.08	0.000	0.372	0.372	0.482	12/06/2018	13:36
7	J6195-01		1	2.55	100	7.44	2.25	0.019	0.019	0.000	0.000	12/06/2018	13:36
8	J6195-03		1	2.53	100	7.10	2.33	0.016	0.016	0.000	0.000	12/06/2018	13:37
9	J6195-03DUP		1	2.51	100	7.03	1.66	0.015	0.015	0.000	0.000	12/06/2018	13:37
10	J6195-03MSPre	40	2	2.55	100	7.31	1.71	0.017	0.363	0.346	0.448	12/06/2018	13:38
11	J6195-03MS2Ins	1284	40	2.50	100	7.62	2.04	0.014	0.610	0.596	0.772	12/06/2018	13:38
12	J6195-03MS3Post	40	2	2.51	100	7.75	2.22	0.019	0.365	0.346	0.448	12/06/2018	13:39
13	J6199-01		1	2.53	100	7.20	2.37	0.014	0.014	0.000	0.000	12/06/2018	13:39
14	J6199-03		1	2.54	100	7.40	2.41	0.012	0.012	0.000	0.000	12/06/2018	13:40
15	CCV2	0.5	1	100	100		1.78	0.000	0.392	0.392	0.508	12/06/2018	13:40
16	CCB2		1	100	100		1.90	0.000	0.000	0.000	0.000	12/06/2018	13:41
17	J6202-01		1	2.52	100	7.16	1.62	0.023	0.027	0.004	0.005	12/06/2018	13:41
18	J6214-09		1	2.50	100	7.22	2.11	0.034	0.034	0.000	0.000	12/06/2018	13:42
19	J6214-13		1	2.53	100	7.69	2.34	0.024	0.024	0.000	0.000	12/06/2018	13:42
20	J6214-17		1	2.51	100	7.81	1.67	0.036	0.036	0.000	0.000	12/06/2018	13:43
21	J6214-19		1	2.52	100	7.77	2.14	0.035	0.035	0.000	0.000	12/06/2018	13:44
22	J6214-21		1	2.50	100	7.13	2.20	0.018	0.018	0.000	0.000	12/06/2018	13:44
23	J6214-23		1	2.53	100	7.26	1.82	0.024	0.024	0.000	0.000	12/06/2018	13:45
24	J6214-27		1	2.50	100	7.34	1.57	0.031	0.031	0.000	0.000	12/06/2018	13:45
25	CCV3	0.5	1	100	100		2.03	0.000	0.393	0.393	0.509	12/06/2018	13:46
26	CCB3		1	100	100		2.40	0.000	0.000	0.000	0.000	12/06/2018	13:46