

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB100085

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP70579
Calibration Std. hexchrome 0.05 ppm	WP70578
Hexavalent Chromium LCS Std	WP70584
Calibratation STD HexaChrome 1 PPM	WP70581
Calibratation STD Hexa Chrome 0.5 PPM	WP70580
calibration std. hexchrome 0.01 ppm	WP70576
calibration std. hexchrome 0 ppm	WP70575
Hexavalent Chromium ICV Std.	WP70582
Hexavalent Chromium CCV Std	WP70583
hexavalent chromium color reagent	WP70527
HNO3 Hex-Chrome, 5M	WP70045
Calibration std Hexachrome, 0.025ppm	WP70577

Intercept: 0.0001

Slope: 0.7727

Regression: 0.999975

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		2.30	0.000	0.000	0.000	12/28/2018	11:18
2	CAL2	0.01	1	100	100		1.78	0.000	0.007	0.007	12/28/2018	11:18
3	CAL3	0.025	1	100	100		1.54	0.000	0.017	0.017	12/28/2018	11:19
4	CAL4	0.05	1	100	100		2.10	0.000	0.039	0.039	12/28/2018	11:19
5	CAL5	0.1	1	100	100		2.45	0.000	0.079	0.079	12/28/2018	11:20
6	CAL6	0.5	1	100	100		2.11	0.000	0.390	0.390	12/28/2018	11:20
7	CAL7	1	1	100	100		1.90	0.000	0.771	0.771	12/28/2018	11:21



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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		1.62	0.000	0.392	0.392	0.507	12/28/2018	11:21
2	ICB		1	100	100		2.08	0.000	0.000	0.000	0.000	12/28/2018	11:22
3	CCV1	0.5	1	100	100		2.20	0.000	0.392	0.392	0.507	12/28/2018	11:22
4	CCB1		1	100	100		2.31	0.000	0.000	0.000	0.000	12/28/2018	11:23
5	PB116065BL		1	2.50	100	7.13	1.77	0.000	0.000	0.000	0.000	12/28/2018	11:23
6	PB116065BS	20	1	2.52	100	7.52	1.84	0.000	0.381	0.381	0.493	12/28/2018	11:24
7	J6518-01		1	2.53	100	7.60	1.76	0.025	0.025	0.000	0.000	12/28/2018	11:24
8	J6529-15		1	2.51	100	7.90	1.91	0.032	0.210	0.178	0.230	12/28/2018	11:25
9	J6547-02		1	2.55	100	7.22	2.41	0.033	0.034	0.001	0.001	12/28/2018	11:25
10	J6547-04		1	2.54	100	7.05	2.25	0.028	0.028	0.000	0.000	12/28/2018	11:26
11	J6579-01		1	2.50	100	7.64	1.94	0.008	0.016	0.008	0.010	12/28/2018	11:26
12	J6579-01DUP		1	2.53	100	7.40	1.85	0.007	0.014	0.007	0.009	12/28/2018	11:27
13	J6579-01MSPre	40	2	2.50	100	7.31	2.11	0.010	0.373	0.363	0.470	12/28/2018	11:27
14	J6579-01MS2Ins	1284	40	2.51	100	7.19	2.31	0.007	0.625	0.618	0.800	12/28/2018	11:28
15	CCV2	0.5	1	100	100		1.82	0.000	0.393	0.393	0.508	12/28/2018	11:28
16	CCB2		1	100	100		2.20	0.000	0.000	0.000	0.000	12/28/2018	11:29
17	J6579-01MS3Post	40	2	2.54	100	7.25	2.17	0.012	0.377	0.365	0.472	12/28/2018	11:29
18	CCV3	0.5	1	100	100		1.78	0.000	0.393	0.393	0.508	12/28/2018	11:30
19	CCB3		1	100	100		1.81	0.000	0.000	0.000	0.000	12/28/2018	11:30