

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB95030

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP64006
Calibration Std. hexchrome 0.05 ppm	WP64005
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP64008
Calibratation STD Hexa Chrome 0.5 PPM	WP64007
calibration std. hexchrome 0.01 ppm	WP64128
calibration std. hexchrome 0 ppm	WP64000
Hexavalent Chromium ICV Std.	WP64010
Hexavalent Chromium CCV Std	WP64009
hexavalent chromium color reagent	WP64076
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP64004

Intercept: 0.0002

Slope: 0.7705

Regression: 0.999951

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		2.21	0.000	0.000	0.000	04/26/2018	13:30
2	CAL2	0.01	1	100	100		2.43	0.000	0.008	0.008	04/26/2018	13:30
3	CAL3	0.025	1	100	100		1.96	0.000	0.017	0.017	04/26/2018	13:31
4	CAL4	0.05	1	100	100		1.82	0.000	0.037	0.037	04/26/2018	13:31
5	CAL5	0.1	1	100	100		1.60	0.000	0.079	0.079	04/26/2018	13:32
6	CAL6	0.5	1	100	100		2.17	0.000	0.391	0.391	04/26/2018	13:32
7	CAL7	1	1	100	100		1.90	0.000	0.768	0.768	04/26/2018	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		1.55	0.000	0.393	0.393	0.510	04/26/2018	13:33
2	ICB		1	100	100		2.02	0.000	0.000	0.000	0.000	04/26/2018	13:34
3	CCV1	0.5	1	100	100		1.67	0.000	0.393	0.393	0.510	04/26/2018	13:34
4	CCB1		1	100	100		1.88	0.000	0.000	0.000	0.000	04/26/2018	13:35
5	PB108745BL		1	2.50	100	7.50	2.10	0.000	0.000	0.000	0.000	04/26/2018	13:35
6	PB108745BS	20	1	2.55	100	7.06	2.34	0.000	0.375	0.375	0.486	04/26/2018	13:35
7	J2154-01		1	2.53	100	7.81	2.45	0.016	0.016	0.000	0.000	04/26/2018	13:36
8	J2156-05		1	2.55	100	7.52	1.72	0.029	0.029	0.000	0.000	04/26/2018	13:36
9	J2156-07		1	2.50	100	7.30	1.98	0.013	0.013	0.000	0.000	04/26/2018	13:37
10	J2156-09		1	2.52	100	7.30	2.16	0.015	0.015	0.000	0.000	04/26/2018	13:37
11	J2161-07		1	2.53	100	7.33	2.33	0.063	0.063	0.000	0.000	04/26/2018	13:38
12	J2161-09		1	2.50	100	7.40	1.87	0.030	0.030	0.000	0.000	04/26/2018	13:38
13	J2549-01		1	2.55	100	7.33	2.20	0.019	0.019	0.000	0.000	04/26/2018	13:39
14	J2549-05		1	2.54	100	7.91	2.36	0.012	0.012	0.000	0.000	04/26/2018	13:39
15	CCV2	0.5	1	100	100		1.79	0.000	0.394	0.394	0.511	04/26/2018	13:40
16	CCB2		1	100	100		2.13	0.000	0.000	0.000	0.000	04/26/2018	13:40
17	J2549-09		1	2.50	100	7.88	1.84	0.014	0.014	0.000	0.000	04/26/2018	13:40
18	J2549-13		1	2.55	100	7.65	1.96	0.008	0.008	0.000	0.000	04/26/2018	13:41
19	J2549-13DUP		1	2.52	100	7.59	2.35	0.010	0.010	0.000	0.000	04/26/2018	13:42
20	J2549-13MSPre	40	2	2.53	100	7.44	2.24	0.012	0.205	0.193	0.250	04/26/2018	13:42
21	J2549-13MS2Ins	1284	40	2.53	100	7.20	2.07	0.007	0.621	0.614	0.797	04/26/2018	13:43
22	J2549-13MS3Post	40	2	2.50	100	7.44	2.28	0.014	0.233	0.219	0.284	04/26/2018	13:43
23	J2564-01		1	2.52	100	7.16	1.53	0.037	0.037	0.000	0.000	04/26/2018	13:44
24	J2576-01		1	2.55	100	7.10	2.11	0.049	0.049	0.000	0.000	04/26/2018	13:44
25	J2579-01		1	2.50	100	7.34	1.78	0.095	0.095	0.000	0.000	04/26/2018	13:45
26	J2582-01		1	2.53	100	7.68	1.82	0.080	0.080	0.000	0.000	04/26/2018	13:45
27	CCV3	0.5	1	100	100		1.97	0.000	0.394	0.394	0.511	04/26/2018	13:46
28	CCB3		1	100	100		2.46	0.000	0.000	0.000	0.000	04/26/2018	13:46
29	J2585-01		1	2.52	100	7.50	2.05	0.104	0.104	0.000	0.000	04/26/2018	13:46
30	CCV4	0.5	1	100	100		1.60	0.000	0.394	0.394	0.511	04/26/2018	13:47
31	CCB4		1	100	100		2.13	0.000	0.000	0.000	0.000	04/26/2018	13:48