

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB97011

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP66594
Calibration Std. hexchrome 0.05 ppm	WP66593
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP66596
Calibratation STD Hexa Chrome 0.5 PPM	WP66595
calibration std. hexchrome 0.01 ppm	WP66591
calibration std. hexchrome 0 ppm	WP66590
Hexavalent Chromium ICV Std.	WP66597
Hexavalent Chromium CCV Std	WP66598
hexavalent chromium color reagent	WP66600
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP66592

Intercept: 0.0004

Slope: 0.7667

Regression: 0.99997

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		2.18	0.000	0.000	0.000	07/31/2018	13:30
2	CAL2	0.01	1	100	100		1.77	0.000	0.008	0.008	07/31/2018	13:30
3	CAL3	0.025	1	100	100		2.36	0.000	0.017	0.017	07/31/2018	13:31
4	CAL4	0.05	1	100	100		1.97	0.000	0.039	0.039	07/31/2018	13:31
5	CAL5	0.1	1	100	100		1.80	0.000	0.078	0.078	07/31/2018	13:32
6	CAL6	0.5	1	100	100		2.16	0.000	0.388	0.388	07/31/2018	13:32
7	CAL7	1	1	100	100		2.48	0.000	0.765	0.765	07/31/2018	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		2.35	0.000	0.390	0.390	0.508	07/31/2018	13:33
2	ICB		1	100	100		1.86	0.000	0.000	0.000	-0.001	07/31/2018	13:34
3	CCV1	0.5	1	100	100		1.97	0.000	0.390	0.390	0.508	07/31/2018	13:34
4	CCB1		1	100	100		2.33	0.000	0.000	0.000	-0.001	07/31/2018	13:35
5	PB111650BL		1	2.51	100	7.30	2.24	0.000	0.000	0.000	-0.001	07/31/2018	13:35
6	PB111650BS	20	1	2.55	100	7.49	1.63	0.000	0.366	0.366	0.477	07/31/2018	13:36
7	J3823-01		1	2.52	100	7.10	1.90	0.017	0.017	0.000	-0.001	07/31/2018	13:36
8	J3823-03		1	2.55	100	7.55	2.07	0.024	0.024	0.000	-0.001	07/31/2018	13:37
9	J3825-11		1	2.54	100	7.12	2.29	0.009	0.009	0.000	-0.001	07/31/2018	13:37
10	J3825-13		1	2.52	100	7.05	2.37	0.010	0.010	0.000	-0.001	07/31/2018	13:38
11	J3825-15		1	2.55	100	7.20	1.82	0.013	0.013	0.000	-0.001	07/31/2018	13:38
12	J3825-17		1	2.53	100	7.11	1.66	0.015	0.015	0.000	-0.001	07/31/2018	13:39
13	J3825-19		1	2.51	100	7.88	2.20	0.011	0.011	0.000	-0.001	07/31/2018	13:39
14	J4234-01		1	2.50	100	7.91	2.08	0.004	0.011	0.007	0.009	07/31/2018	13:40
15	CCV2	0.5	1	100	100		1.94	0.000	0.390	0.390	0.508	07/31/2018	13:40
16	CCB2		1	100	100		2.39	0.000	0.000	0.000	-0.001	07/31/2018	13:41
17	J4236-01		1	2.50	100	7.94	2.47	0.008	0.008	0.000	-0.001	07/31/2018	13:41
18	J4236-01DUP		1	2.52	100	7.77	1.56	0.009	0.009	0.000	-0.001	07/31/2018	13:42
19	J4236-01MSPre	40	2	2.53	100	7.65	1.68	0.010	0.355	0.345	0.449	07/31/2018	13:42
20	J4236-01MS2Ins	1284	40	2.53	100	7.16	1.99	0.007	0.610	0.603	0.786	07/31/2018	13:43
21	J4236-01MS3Post	40	2	2.53	100	7.03	2.16	0.011	0.357	0.346	0.451	07/31/2018	13:43
22	J4236-03		1	2.53	100	7.22	1.72	0.015	0.015	0.000	-0.001	07/31/2018	13:44
23	J4237-01		1	2.50	100	7.44	2.01	0.007	0.007	0.000	-0.001	07/31/2018	13:44
24	J4237-03		1	2.54	100	7.50	2.28	0.016	0.016	0.000	-0.001	07/31/2018	13:45
25	CCV3	0.5	1	100	100		1.83	0.000	0.390	0.390	0.508	07/31/2018	13:45
26	CCB3		1	100	100		2.11	0.000	0.000	0.000	-0.001	07/31/2018	13:46