

Analytical Summary Report

Analysis Method: 7196A

ANALYST: sweta

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB97399

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP67151
Calibration Std. hexchrome 0.05 ppm	WP67150
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP67153
Calibratation STD Hexa Chrome 0.5 PPM	WP67152
calibration std. hexchrome 0.01 ppm	WP67148
calibration std. hexchrome 0 ppm	WP67147
Hexavalent Chromium ICV Std.	WP67154
Hexavalent Chromium CCV Std	WP67155
hexavalent chromium color reagent	WP67083
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP67149

Intercept: 0.0001

Slope: 0.7712

Regression: 0.999967

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		1.89	0.000	0.000	0.000	08/20/2018	11:45
2	CAL2	0.01	1	100	100		1.98	0.000	0.007	0.007	08/20/2018	11:45
3	CAL3	0.025	1	100	100		2.10	0.000	0.017	0.017	08/20/2018	11:46
4	CAL4	0.05	1	100	100		1.88	0.000	0.038	0.038	08/20/2018	11:46
5	CAL5	0.1	1	100	100		2.13	0.000	0.079	0.079	08/20/2018	11:47
6	CAL6	0.5	1	100	100		2.15	0.000	0.390	0.390	08/20/2018	11:47
7	CAL7	1	1	100	100		1.85	0.000	0.769	0.769	08/20/2018	11:48

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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		1.89	0.000	0.391	0.391	0.507	08/20/2018	11:48
2	ICB		1	100	100		1.85	0.000	0.000	0.000	0.000	08/20/2018	11:49
3	CCV1	0.5	1	100	100		1.99	0.000	0.390	0.390	0.506	08/20/2018	11:49
4	CCB1		1	100	100		2.06	0.000	0.000	0.000	0.000	08/20/2018	11:50
5	PB112207BL		1	2.55	100	7.23	1.79	0.000	0.000	0.000	0.000	08/20/2018	11:50
6	PB112207BS	20	1	2.50	100	7.12	2.10	0.000	0.385	0.385	0.499	08/20/2018	11:51
7	J4274-03		1	2.54	100	7.22	2.13	0.010	0.012	0.002	0.002	08/20/2018	11:51
8	J4274-03DUP		1	2.53	100	7.32	1.89	0.011	0.013	0.002	0.002	08/20/2018	11:52
9	J4274-03MSPre	40	2	2.53	100	7.15	1.85	0.010	0.179	0.169	0.219	08/20/2018	11:52
10	J4274-03MS2Ins	1284	40	2.53	100	7.36	1.82	0.012	0.621	0.609	0.790	08/20/2018	11:53
11	J4274-03MS3Post	40	2	2.50	100	7.18	1.96	0.013	0.374	0.361	0.468	08/20/2018	11:53
12	J4277-05		1	2.54	100	7.45	1.82	0.200	0.212	0.012	0.015	08/20/2018	11:54
13	J4277-07		1	2.50	100	7.29	2.10	0.009	0.009	0.000	0.000	08/20/2018	11:54
14	J4282-09		1	2.50	100	7.18	2.13	0.004	0.004	0.000	0.000	08/20/2018	11:55
15	CCV2	0.5	1	100	100		1.76	0.000	0.391	0.391	0.507	08/20/2018	11:55
16	CCB2		1	100	100		1.96	0.000	0.000	0.000	0.000	08/20/2018	11:56
17	J4539-02		1	2.50	100	7.42	1.76	0.003	0.003	0.000	0.000	08/20/2018	11:56
18	J4542-01		1	2.52	100	7.44	1.99	0.004	0.007	0.003	0.004	08/20/2018	11:57
19	J4542-03		1	2.55	100	7.22	2.10	0.007	0.010	0.003	0.004	08/20/2018	11:57
20	J4546-01		1	2.51	100	7.26	2.08	0.011	0.013	0.002	0.002	08/20/2018	11:58
21	CCV3	0.5	1	100	100		1.85	0.000	0.390	0.390	0.506	08/20/2018	11:58
22	CCB3		1	100	100		1.96	0.000	0.000	0.000	0.000	08/20/2018	11:59