

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Sweta

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB94492

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP63533
Calibration Std. hexchrome 0.05 ppm	WP63532
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP63535
Calibratation STD Hexa Chrome 0.5 PPM	WP63534
calibration std. hexchrome 0.01 ppm	WP63530
calibration std. hexchrome 0 ppm	WP63529
Hexavalent Chromium ICV Std.	WP63537
Hexavalent Chromium CCV Std	WP63536
hexavalent chromium color reagent	WP63480
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP63531

Intercept: 0.0008

Slope: 0.7699

Regression: 0.999983

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		1.22	0.000	0.000	0.000	04/09/2018	14:30
2	CAL2	0.01	1	100	100		1.10	0.000	0.008	0.008	04/09/2018	14:30
3	CAL3	0.025	1	100	100		2.13	0.000	0.019	0.019	04/09/2018	14:31
4	CAL4	0.05	1	100	100		1.98	0.000	0.039	0.039	04/09/2018	14:31
5	CAL5	0.1	1	100	100		1.88	0.000	0.079	0.079	04/09/2018	14:32
6	CAL6	0.5	1	100	100		1.79	0.000	0.389	0.389	04/09/2018	14:32
7	CAL7	1	1	100	100		1.87	0.000	0.769	0.769	04/09/2018	14:33

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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		1.89	0.000	0.389	0.389	0.504	04/09/2018	14:33
2	ICB		1	100	100		1.23	0.000	0.000	0.000	-0.001	04/09/2018	14:34
3	CCV1	0.5	1	100	100		1.77	0.000	0.388	0.388	0.503	04/09/2018	14:34
4	CCB1		1	100	100		1.85	0.000	0.000	0.000	-0.001	04/09/2018	14:35
5	PB108111BL		1	2.55	100	7.31	1.69	0.000	0.000	0.000	-0.001	04/09/2018	14:35
6	PB108111BS	20	1	2.55	100	7.22	1.76	0.002	0.345	0.343	0.444	04/09/2018	14:36
7	J2155-01		1	2.55	100	7.11	1.75	0.037	0.037	0.000	-0.001	04/09/2018	14:36
8	J2155-03		1	2.53	100	7.32	2.11	0.005	0.005	0.000	-0.001	04/09/2018	14:37
9	J2155-05		1	2.52	100	7.14	1.36	0.007	0.007	0.000	-0.001	04/09/2018	14:37
10	J2157-01		1	2.50	100	7.16	1.69	0.011	0.011	0.000	-0.001	04/09/2018	14:38
11	J2157-03		1	2.55	100	7.31	1.79	0.007	0.007	0.000	-0.001	04/09/2018	14:38
12	J2157-05		1	2.50	100	7.21	1.58	0.009	0.009	0.000	-0.001	04/09/2018	14:39
13	J2157-07		1	2.50	100	7.22	1.46	0.018	0.018	0.000	-0.001	04/09/2018	14:39
14	J2157-09		1	2.55	100	7.15	1.69	0.005	0.013	0.008	0.009	04/09/2018	14:40
15	CCV2	0.5	1	100	100		1.79	0.000	0.389	0.389	0.504	04/09/2018	14:40
16	CCB2		1	100	100		1.89	0.000	0.000	0.000	-0.001	04/09/2018	14:41
17	J2157-09DUP		1	2.50	100	7.12	1.79	0.006	0.014	0.008	0.009	04/09/2018	14:41
18	J2157-09MSPre	40	2	2.52	100	7.32	1.88	0.003	0.237	0.234	0.303	04/09/2018	14:42
19	J2157-09MS2Ins	1284	40	2.52	100	7.21	1.65	0.004	0.598	0.594	0.770	04/09/2018	14:42
20	J2157-09MS3Post	40	2	2.55	100	7.11	1.77	0.004	0.300	0.296	0.383	04/09/2018	14:43
21	J2158-01		1	2.50	100	7.32	2.13	0.009	0.009	0.000	-0.001	04/09/2018	14:43
22	J2270-01		1	2.52	100	7.16	1.74	0.043	0.043	0.000	-0.001	04/09/2018	14:44
23	J2270-03		1	2.55	100	7.18	1.82	0.124	0.126	0.002	0.002	04/09/2018	14:44
24	J2270-05		1	2.55	100	6.99	1.69	0.154	0.156	0.002	0.002	04/09/2018	14:45
25	J2278-01		1	2.52	100	7.05	1.63	0.007	0.007	0.000	-0.001	04/09/2018	14:45
26	J2280-01		1	2.50	100	7.10	1.67	0.003	0.003	0.000	-0.001	04/09/2018	14:46
27	CCV3	0.5	1	100	100		1.55	0.000	0.388	0.388	0.503	04/09/2018	14:46
28	CCB3		1	100	100		1.87	0.000	0.000	0.000	-0.001	04/09/2018	14:47
29	J2280-03		1	2.50	100	7.25	1.87	0.016	0.016	0.000	-0.001	04/09/2018	14:47
30	CCV4	0.5	1	100	100		1.56	0.000	0.389	0.389	0.504	04/09/2018	14:48
31	CCB4		1	100	100		1.65	0.000	0.000	0.000	-0.001	04/09/2018	14:48