

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Aparna

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB103159

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibration STD HexaChrome 1 PPM	WP75158
Calibration STD Hexa Chrome 0.5 PPM	WP75159
Calibration Std. hexchrome 0.1 ppm	WP75164
Calibration Std. hexchrome 0.05 ppm	WP75163
calibration std. hexchrome 0.01 ppm	WP75162
calibration std. hexchrome 0 ppm	WP75161
Hexavalent Chromium ICV Std.	WP75166
Hexavalent Chromium CCV Std	WP75165
hexavalent chromium color reagent	WP75026
5N sulfuric acid	WP74163
Calibration std Hexachrome, 0.025ppm	WP75160
HNO3 Hex-Chrome, 5M	WP74162

Intercept: 0.0002

Slope: 0.7791

Regression: 0.999996

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		2.11	0.000	0.000	0.000	06/03/2019	12:30
2	CAL2	0.01	1	100	100		2.05	0.000	0.008	0.008	06/03/2019	12:30
3	CAL3	0.025	1	100	100		1.65	0.000	0.018	0.018	06/03/2019	12:31
4	CAL4	0.05	1	100	100		2.15	0.000	0.040	0.040	06/03/2019	12:31
5	CAL5	0.1	1	100	100		1.85	0.000	0.079	0.079	06/03/2019	12:32
6	CAL6	0.5	1	100	100		2.13	0.000	0.390	0.390	06/03/2019	12:32
7	CAL7	1	1	100	100		1.98	0.000	0.779	0.779	06/03/2019	12:33

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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		1.70	0.000	0.378	0.378	0.485	06/03/2019	12:33
2	ICB		1	100	100		1.80	0.000	0.000	0.000	0.000	06/03/2019	12:34
3	CCV1	0.5	1	100	100		2.05	0.000	0.375	0.375	0.481	06/03/2019	12:34
4	CCB1		1	100	100		1.60	0.000	0.000	0.000	0.000	06/03/2019	12:35
5	PB120272BL		1	2.50	100	7.13	1.70	0.000	0.000	0.000	0.000	06/03/2019	12:35
6	PB120272BS	20	1	2.51	100	7.18	2.13	0.010	0.357	0.347	0.445	06/03/2019	12:36
7	K2641-13		1	2.53	100	7.53	1.88	0.017	0.017	0.000	0.000	06/03/2019	12:36
8	K2641-15		1	2.51	100	7.10	1.78	0.014	0.014	0.000	0.000	06/03/2019	12:37
9	K2641-17		1	2.50	100	7.36	1.98	0.013	0.013	0.000	0.000	06/03/2019	12:37
10	K2641-19		1	2.50	100	7.20	2.03	0.008	0.008	0.000	0.000	06/03/2019	12:38
11	K2641-21		1	2.54	100	7.25	2.18	0.041	0.041	0.000	0.000	06/03/2019	12:38
12	K3135-01		1	2.52	100	7.32	1.98	0.038	0.038	0.000	0.000	06/03/2019	12:39
13	K3139-03		1	2.55	100	7.25	2.15	0.006	0.006	0.000	0.000	06/03/2019	12:39
14	K3139-07		1	2.52	100	7.15	2.30	0.004	0.004	0.000	0.000	06/03/2019	12:40
15	CCV2	0.5	1	100	100		1.87	0.000	0.374	0.374	0.480	06/03/2019	12:40
16	CCB2		1	100	100		1.80	0.000	0.000	0.000	0.000	06/03/2019	12:41
17	K3139-07DUP		1	2.51	100	7.16	1.98	0.004	0.004	0.000	0.000	06/03/2019	12:41
18	K3139-07MSPre	40	2	2.50	100	7.45	2.03	0.007	0.359	0.352	0.452	06/03/2019	12:42
19	K3139-07MS2Ins	1284	40	2.50	100	7.18	2.01	0.002	0.690	0.688	0.883	06/03/2019	12:42
20	K3139-07MS3Post	40	2	2.51	100	7.36	2.05	0.005	0.404	0.399	0.512	06/03/2019	12:43
21	CCV3	0.5	1	100	100		2.12	0.000	0.379	0.379	0.486	06/03/2019	12:43
22	CCB3		1	100	100		2.06	0.000	0.000	0.000	0.000	06/03/2019	12:44