

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Aparna

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB100936

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP71856
Calibration Std. hexchrome 0.05 ppm	WP71855
5N sulfuric acid	WP70044
Calibratation STD HexaChrome 1 PPM	WP71850
Calibratation STD Hexa Chrome 0.5 PPM	WP71851
calibration std. hexchrome 0.01 ppm	WP71854
calibration std. hexchrome 0 ppm	WP71853
Hexavalent Chromium ICV Std.	WP71858
Hexavalent Chromium CCV Std	WP71857
hexavalent chromium color reagent	WP71723
HNO3 Hex-Chrome, 5M	WP70045
Calibration std Hexachrome, 0.025ppm	WP71852

Intercept: 0.0008

Slope: 0.77

Regression: 0.999971

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		1.96	0.000	0.000	0.000	02/21/2019	12:45
2	CAL2	0.01	1	100	100		1.80	0.000	0.008	0.008	02/21/2019	12:45
3	CAL3	0.025	1	100	100		1.96	0.000	0.017	0.017	02/21/2019	12:46
4	CAL4	0.05	1	100	100		1.98	0.000	0.040	0.040	02/21/2019	12:47
5	CAL5	0.1	1	100	100		2.01	0.000	0.080	0.080	02/21/2019	12:47
6	CAL6	0.5	1	100	100		2.04	0.000	0.389	0.389	02/21/2019	12:48
7	CAL7	1	1	100	100		1.65	0.000	0.769	0.769	02/21/2019	12:49

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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		2.16	0.000	0.385	0.385	0.499	02/21/2019	12:50
2	ICB		1	100	100		1.84	0.000	0.000	0.000	-0.001	02/21/2019	12:51
3	CCV1	0.5	1	100	100		1.79	0.000	0.378	0.378	0.490	02/21/2019	12:51
4	CCB1		1	100	100		1.95	0.000	0.000	0.000	-0.001	02/21/2019	12:52
5	PB117272BL		1	2.00	100	7.08	2.40	0.000	0.000	0.000	-0.001	02/21/2019	12:52
6	PB117272BS	20	1	2.50	100	7.49	2.13	0.000	0.369	0.369	0.478	02/21/2019	12:53
7	K1344-01		1	2.54	100	7.50	1.99	0.018	0.018	0.000	-0.001	02/21/2019	12:56
8	K1344-01DUP		1	2.52	100	7.34	1.90	0.019	0.019	0.000	-0.001	02/21/2019	12:56
9	K1344-01MSPre	40	2	2.50	100	7.27	1.94	0.017	0.364	0.347	0.450	02/21/2019	13:11
10	K1344-01MS2Ins	1284	40	2.52	100	7.16	1.98	0.016	0.606	0.590	0.765	02/21/2019	12:57
11	K1344-01MS3Post	40	2	2.54	100	7.21	2.01	0.018	0.356	0.338	0.438	02/21/2019	12:58
12	K1344-03		1	2.51	100	7.75	2.08	0.014	0.014	0.000	-0.001	02/21/2019	12:59
13	K1344-05		1	2.55	100	7.49	1.69	0.015	0.015	0.000	-0.001	02/21/2019	12:59
14	K1344-07		1	2.53	100	7.65	1.70	0.021	0.021	0.000	-0.001	02/21/2019	13:00
15	CCV2	0.5	1	100	100		1.82	0.000	0.378	0.378	0.490	02/21/2019	13:01
16	CCB2		1	100	100		1.80	0.000	0.000	0.000	-0.001	02/21/2019	13:02
17	K1345-03		1	2.50	100	7.60	1.93	0.021	0.021	0.000	-0.001	02/21/2019	13:02
18	K1349-09		1	2.55	100	7.23	2.34	0.022	0.022	0.000	-0.001	02/21/2019	13:03
19	K1349-11		1	2.51	100	7.56	2.36	0.035	0.035	0.000	-0.001	02/21/2019	13:03
20	K1527-01		1	2.50	100	7.48	1.58	0.018	0.018	0.000	-0.001	02/21/2019	13:04
21	K1537-01		1	2.54	100	7.80	1.67	0.010	0.010	0.000	-0.001	02/21/2019	13:06
22	K1547-03		1	2.50	100	7.38	1.69	0.020	0.020	0.000	-0.001	02/21/2019	13:06
23	CCV3	0.5	1	100	100		2.05	0.000	0.380	0.380	0.492	02/21/2019	13:07
24	CCB3		1	100	100		2.10	0.000	0.000	0.000	-0.001	02/21/2019	13:07