

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Aparna

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB102921

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP74906
Calibratation STD Hexa Chrome 0.5 PPM	WP74907
Calibration Std. hexchrome 0.1 ppm	WP74911
Calibration Std. hexchrome 0.05 ppm	WP74910
calibration std. hexchrome 0.01 ppm	WP74909
calibration std. hexchrome 0 ppm	WP74915
Hexavalent Chromium ICV Std.	WP74913
Hexavalent Chromium CCV Std	WP74912
Hexavalent Chromium LCS Std	WP74914
hexavalent chromium color reagent	WP74810
5N sulfuric acid	WP74163
Calibration std Hexachrome, 0.025ppm	WP74908

Intercept: 0.001

Slope: 0.7709

Regression: 0.999974

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		1.65	0.000	0.000	0.000	05/22/2019	13:00
2	CAL2	0.01	1	100	100		2.10	0.000	0.008	0.008	05/22/2019	13:00
3	CAL3	0.025	1	100	100		2.36	0.000	0.018	0.018	05/22/2019	13:01
4	CAL4	0.05	1	100	100		2.13	0.000	0.040	0.040	05/22/2019	13:01
5	CAL5	0.1	1	100	100		1.75	0.000	0.080	0.080	05/22/2019	13:02
6	CAL6	0.5	1	100	100		2.00	0.000	0.390	0.390	05/22/2019	13:02
7	CAL7	1	1	100	100		2.14	0.000	0.770	0.770	05/22/2019	13:03

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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		1.65	0.000	0.399	0.399	0.516	05/22/2019	13:03
2	ICB		1	100	100		2.03	0.000	0.000	0.000	-0.001	05/22/2019	13:04
3	CCV1	0.5	1	100	100		1.78	0.000	0.400	0.400	0.518	05/22/2019	13:04
4	CCB1		1	100	100		1.99	0.000	0.000	0.000	-0.001	05/22/2019	13:05
5	PB119966BL		1	2.51	100	7.25	2.00	0.000	0.000	0.000	-0.001	05/22/2019	13:06
6	PB119966BS	20	1	2.52	100	7.12	1.93	0.004	0.376	0.372	0.481	05/22/2019	13:06
7	K2642-05		1	2.50	100	7.50	2.18	0.018	0.018	0.000	-0.001	05/22/2019	13:07
8	K2970-03		1	2.55	100	7.66	1.66	0.010	0.010	0.000	-0.001	05/22/2019	13:07
9	K2970-07		1	2.53	100	7.20	2.01	0.066	0.066	0.000	-0.001	05/22/2019	13:07
10	K2970-15		1	2.55	100	7.55	2.05	0.025	0.025	0.000	-0.001	05/22/2019	13:08
11	K2971-12		1	2.51	100	7.56	1.56	0.012	0.012	0.000	-0.001	05/22/2019	13:08
12	K2971-13		1	2.53	100	7.05	2.23	0.006	0.009	0.003	0.003	05/22/2019	13:09
13	K2971-13DUP		1	2.54	100	7.13	2.30	0.006	0.009	0.003	0.003	05/22/2019	13:09
14	K2971-13MSPre	40	2	2.50	100	7.13	2.13	0.007	0.344	0.337	0.436	05/22/2019	13:10
15	CCV2	0.5	1	100	100		2.05	0.000	0.400	0.400	0.518	05/22/2019	13:10
16	CCB2		1	100	100		1.98	0.000	0.000	0.000	-0.001	05/22/2019	13:11
17	K2971-13MS2Ins	1284	40	2.51	100	7.25	1.89	0.003	0.680	0.677	0.877	05/22/2019	13:11
18	K2971-13MS3Post	40	2	2.50	100	7.32	1.85	0.022	0.371	0.349	0.451	05/22/2019	13:12
19	K2971-14		1	2.55	100	7.54	2.03	0.010	0.012	0.002	0.001	05/22/2019	13:12
20	K2971-15		1	2.52	100	7.65	1.77	0.016	0.016	0.000	-0.001	05/22/2019	13:13
21	K2971-17		1	2.51	100	7.32	2.33	0.012	0.013	0.001	0.000	05/22/2019	13:13
22	K2978-01		1	2.53	100	7.14	1.88	0.028	0.028	0.000	-0.001	05/22/2019	13:14
23	K2978-06		1	2.53	100	7.15	2.10	0.008	0.008	0.000	-0.001	05/22/2019	13:14
24	CCV3	0.5	1	100	100		2.33	0.000	0.403	0.403	0.521	05/22/2019	13:15
25	CCB3		1	100	100		2.10	0.000	0.000	0.000	-0.001	05/22/2019	13:15