

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Aparna

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB102629

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP74520
Calibratation STD Hexa Chrome 0.5 PPM	WP74521
Calibration Std. hexchrome 0.1 ppm	WP74526
Calibration Std. hexchrome 0.05 ppm	WP74525
calibration std. hexchrome 0.01 ppm	WP74524
calibration std. hexchrome 0 ppm	WP74523
Hexavalent Chromium ICV Std.	WP74528
Hexavalent Chromium CCV Std	WP74527
hexavalent chromium color reagent	WP74530
5N sulfuric acid	WP74163
Calibration std Hexachrome, 0.025ppm	WP74522
HNO3 Hex-Chrome, 5M	WP74162

Intercept: 0.0007

Slope: 0.7668

Regression: 0.999962

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		2.03	0.000	0.000	0.000	05/09/2019	11:00
2	CAL2	0.01	1	100	100		1.60	0.000	0.008	0.008	05/09/2019	11:00
3	CAL3	0.025	1	100	100		1.56	0.000	0.018	0.018	05/09/2019	11:01
4	CAL4	0.05	1	100	100		2.10	0.000	0.038	0.038	05/09/2019	11:01
5	CAL5	0.1	1	100	100		2.35	0.000	0.079	0.079	05/09/2019	11:02
6	CAL6	0.5	1	100	100		1.80	0.000	0.389	0.389	05/09/2019	11:02
7	CAL7	1	1	100	100		2.12	0.000	0.765	0.765	05/09/2019	11:03

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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	0.389	0.389	0.506	05/09/2019	11:03
2	ICB		1	100	100		1.70	0.000	0.000	0.000	-0.001	05/09/2019	11:04
3	CCV1	0.5	1	100	100		2.19	0.000	0.388	0.388	0.505	05/09/2019	11:05
4	CCB1		1	100	100		1.79	0.000	0.000	0.000	-0.001	05/09/2019	11:05
5	PB119572BL		1	2.52	100	7.25	1.56	0.000	0.000	0.000	-0.001	05/09/2019	11:06
6	PB119572BS	20	1	2.50	100	7.32	2.05	0.000	0.382	0.382	0.497	05/09/2019	11:06
7	K2729-02		1	2.53	100	7.65	1.66	0.012	0.012	0.000	-0.001	05/09/2019	11:07
8	K2729-03		1	2.51	100	7.15	2.00	0.020	0.020	0.000	-0.001	05/09/2019	11:07
9	K2729-04		1	2.50	100	7.20	2.35	0.012	0.020	0.008	0.010	05/09/2019	11:08
10	K2729-04DUP		1	2.50	100	7.23	2.34	0.012	0.020	0.008	0.010	05/09/2019	11:08
11	K2729-04MSPre	40	2	2.54	100	7.40	2.15	0.011	0.389	0.378	0.492	05/09/2019	11:09
12	K2729-04MS2Ins	1284	40	2.52	100	7.44	2.05	0.009	0.686	0.677	0.882	05/09/2019	11:09
13	K2729-04MS3Post	40	2	2.51	100	7.41	2.33	0.019	0.406	0.387	0.504	05/09/2019	11:10
14	K2750-03		1	2.50	100	7.23	2.45	0.858	0.858	0.000	-0.001	05/09/2019	11:10
15	CCV2	0.5	1	100	100		2.01	0.000	0.390	0.390	0.508	05/09/2019	11:11
16	CCB2		1	100	100		1.70	0.000	0.000	0.000	-0.001	05/09/2019	11:11
17	K2754-05		1	2.55	100	7.12	2.16	0.017	0.017	0.000	-0.001	05/09/2019	11:12
18	K2754-07		1	2.53	100	7.42	2.54	0.014	0.014	0.000	-0.001	05/09/2019	11:12
19	CCV3	0.5	1	100	100		2.032	0.000	0.389	0.389	0.506	05/09/2019	11:13
20	CCB3		1	100	100		1.66	0.000	0.000	0.000	-0.001	05/09/2019	11:13