

Analytical Summary Report

Analysis Method: 7196A

ANALYST: chirag

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB104159

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP76653
Calibratation STD Hexa Chrome 0.5 PPM	WP76654
Calibration Std. hexchrome 0.1 ppm	WP76655
Calibration Std. hexchrome 0.05 ppm	WP76656
calibration std. hexchrome 0.01 ppm	WP76657
calibration std. hexchrome 0 ppm	WP76658
Hexavalent Chromium ICV Std.	WP76659
Hexavalent Chromium CCV Std	WP76660
Hexavalent Chromium LCS Std	WP76661
hexavalent chromium color reagent	WP76583
5N sulfuric acid	WP76600
Calibration std Hexachrome, 0.025ppm	WP76662

Intercept: 0.0003

Slope: 0.8017

Regression: 0.999999

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		2.10	0.000	0.000	0.000	07/23/2019	12:10
2	CAL2	0.01	1	100	100		1.65	0.000	0.008	0.008	07/23/2019	12:11
3	CAL3	0.025	1	100	100		2.05	0.000	0.021	0.021	07/23/2019	12:12
4	CAL4	0.05	1	100	100		1.60	0.000	0.040	0.040	07/23/2019	12:13
5	CAL5	0.1	1	100	100		2.08	0.000	0.081	0.081	07/23/2019	12:14
6	CAL6	0.5	1	100	100		2.00	0.000	0.401	0.401	07/23/2019	12:15
7	CAL7	1	1	100	100		2.22	0.000	0.802	0.802	07/23/2019	12:16

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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	0.408	0.408	0.509	07/23/2019	12:30
2	ICB		1	100	100		1.65	0.000	0.000	0.000	0.000	07/23/2019	12:31
3	CCV1	0.5	1	100	100		2.01	0.000	0.399	0.399	0.497	07/23/2019	12:32
4	CCB1		1	100	100		1.60	0.000	0.000	0.000	0.000	07/23/2019	12:33
5	PB121653BL		1	2.52	100	7.25	2.08	0.000	0.000	0.000	0.000	07/23/2019	12:34
6	PB121653BS	20	1	2.50	100	7.65	2.01	0.000	0.379	0.379	0.472	07/23/2019	12:35
7	K3618-07		1	2.53	100	7.12	2.08	0.012	0.012	0.000	0.000	07/23/2019	12:36
8	K3618-07DUP		1	2.51	100	7.50	1.66	0.012	0.012	0.000	0.000	07/23/2019	12:37
9	K3618-07MSPre	40	2	2.50	100	7.65	1.56	0.012	0.220	0.208	0.259	07/23/2019	12:38
10	K3618-07MS2Ins	1284	40	2.53	100	7.85	1.58	0.012	0.652	0.640	0.798	07/23/2019	12:39
11	K3618-07MS3Post	40	2	2.52	100	7.15	2.05	0.000	0.315	0.315	0.393	07/23/2019	12:40
12	K3897-01		1	2.55	100	7.25	1.58	0.032	0.032	0.000	0.000	07/23/2019	12:41
13	K3934-03		1	2.55	100	7.68	1.69	0.022	0.022	0.000	0.000	07/23/2019	12:42
14	K3934-07		1	2.52	100	7.22	1.62	0.013	0.013	0.000	0.000	07/23/2019	12:43
15	CCV2	0.5	1	100	100		1.56	0.000	0.398	0.398	0.496	07/23/2019	12:44
16	CCB2		1	100	100		2.10	0.000	0.000	0.000	0.000	07/23/2019	12:45
17	K3934-11		1	2.54	100	7.28	1.89	0.029	0.029	0.000	0.000	07/23/2019	12:46
18	K3943-01		1	2.53	100	7.50	2.01	0.031	0.031	0.000	0.000	07/23/2019	12:50
19	CCV3	0.5	1	100	100		2.01	0.000	0.401	0.401	0.500	07/23/2019	12:51
20	CCB3		1	100	100		1.65	0.000	0.000	0.000	0.000	07/23/2019	12:52