



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ARIEL

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB103725

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration STD HexaChrome 1 PPM	WP75910
Calibration STD Hexa Chrome 0.5 PPM	WP75911
Calibration Std. hexchrome 0.1 ppm	WP75916
Calibration Std. hexchrome 0.05 ppm	WP75915
calibration std. hexchrome 0.01 ppm	WP75914
calibration std. hexchrome 0 ppm	WP75913
Hexavalent Chromium ICV Std.	WP75918
Hexavalent Chromium CCV Std	WP75917
hexavalent chromium color reagent	WP75833
5N sulfuric acid	WP75751
Calibration std Hexachrome, 0.025ppm	WP75912
HNO3 Hex-Chrome, 5M	WP74162

Intercept: -0.0008

Slope: 0.7813

Regression: 0.999994

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		1.55	0.000	0.000	0.000	07/01/2019	12:20
2	CAL2	0.01	1	100	100		1.65	0.000	0.008	0.008	07/01/2019	12:20
3	CAL3	0.025	1	100	100		1.53	0.000	0.017	0.017	07/01/2019	12:21
4	CAL4	0.05	1	100	100		1.52	0.000	0.038	0.038	07/01/2019	12:21
5	CAL5	0.1	1	100	100		1.55	0.000	0.077	0.077	07/01/2019	12:22
6	CAL6	0.5	1	100	100		1.55	0.000	0.391	0.391	07/01/2019	12:22
7	CAL7	1	1	100	100		1.53	0.000	0.780	0.780	07/01/2019	12:23



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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		1.53	0.000	0.386	0.386	0.495	07/01/2019	12:23
2	ICB		1	100	100		1.54	0.000	0.000	0.000	0.001	07/01/2019	12:24
3	CCV1	0.5	1	100	100		1.50	0.000	0.389	0.389	0.499	07/01/2019	12:24
4	CCB1		1	100	100		1.56	0.000	0.000	0.000	0.001	07/01/2019	12:25
5	PB121078BL		1	2.51	100	7.15	1.54	0.000	0.000	0.000	0.001	07/01/2019	12:25
6	PB121078BS	20	1	2.54	100	7.15	1.56	0.000	0.396	0.396	0.508	07/01/2019	12:26
7	K3158-09		1	2.50	100	7.15	1.60	0.005	0.005	0.000	0.001	07/01/2019	12:26
8	K3160-07		1	2.50	100	7.26	1.50	0.005	0.005	0.000	0.001	07/01/2019	12:27
9	K3160-09		1	2.51	100	7.45	1.68	0.007	0.007	0.000	0.001	07/01/2019	12:27
10	K3160-11		1	2.55	100	7.21	1.75	0.010	0.010	0.000	0.001	07/01/2019	12:28
11	K3592-01		1	2.51	100	7.03	1.64	0.007	0.007	0.000	0.001	07/01/2019	12:28
12	K3592-03		1	2.54	100	7.51	1.53	0.019	0.019	0.000	0.001	07/01/2019	12:29
13	K3601-01		1	2.52	100	7.65	1.50	0.013	0.065	0.052	0.068	07/01/2019	12:29
14	K3601-03		1	2.50	100	7.54	2.15	0.009	0.022	0.013	0.018	07/01/2019	12:30
15	CCV2	0.5	1	100	100		2.13	0.000	0.402	0.402	0.516	07/01/2019	12:30
16	CCB2		1	100	100		2.15	0.000	0.000	0.000	0.001	07/01/2019	12:31
17	K3601-03DUP		1	2.51	100	7.54	2.10	0.008	0.020	0.012	0.016	07/01/2019	12:31
18	K3601-03MSPre	40	2	2.52	100	7.50	2.01	0.006	0.374	0.368	0.472	07/01/2019	12:32
19	K3601-03MS2Ins	1284	40	2.55	100	7.50	1.68	0.001	0.686	0.685	0.878	07/01/2019	12:32
20	K3601-03MS3Post	40	2	2.52	100	7.53	1.65	0.012	0.376	0.364	0.467	07/01/2019	12:33
21	CCV3	0.5	1	100	100		1.53	0.000	0.378	0.378	0.485	07/01/2019	12:33
22	CCB3		1	100	100		1.53	0.000	0.000	0.000	0.001	07/01/2019	12:34