



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ARIEL

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB103224

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibration STD HexaChrome 1 PPM	WP75239
Calibration STD Hexa Chrome 0.5 PPM	WP75240
Calibration Std. hexchrome 0.1 ppm	WP75245
Calibration Std. hexchrome 0.05 ppm	WP75244
calibration std. hexchrome 0.01 ppm	WP75243
calibration std. hexchrome 0 ppm	WP75242
Hexavalent Chromium ICV Std.	WP75247
Hexavalent Chromium CCV Std	WP75246
hexavalent chromium color reagent	WP75201
5N sulfuric acid	WP74163
Calibration std Hexachrome, 0.025ppm	WP75241
HNO3 Hex-Chrome, 5M	WP74162

Intercept: -0.0001

Slope: 0.779

Regression: 0.999997

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		1.77	0.000	0.000	0.000	06/06/2019	14:00
2	CAL2	0.01	1	100	100		1.88	0.000	0.008	0.008	06/06/2019	14:00
3	CAL3	0.025	1	100	100		2.10	0.000	0.018	0.018	06/06/2019	14:01
4	CAL4	0.05	1	100	100		1.56	0.000	0.039	0.039	06/06/2019	14:01
5	CAL5	0.1	1	100	100		2.21	0.000	0.079	0.079	06/06/2019	14:02
6	CAL6	0.5	1	100	100		1.88	0.000	0.389	0.389	06/06/2019	14:02
7	CAL7	1	1	100	100		2.05	0.000	0.779	0.779	06/06/2019	14:03



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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		1.58	0.000	0.392	0.392	0.503	06/06/2019	14:05
2	ICB		1	100	100		2.01	0.000	0.000	0.000	0.000	06/06/2019	14:05
3	CCV1	0.5	1	100	100		2.44	0.000	0.390	0.390	0.501	06/06/2019	14:06
4	CCB1		1	100	100		1.58	0.000	0.000	0.000	0.000	06/06/2019	14:06
5	PB120383BL		1	2.50	100	7.10	1.63	0.000	0.000	0.000	0.000	06/06/2019	14:07
6	PB120383BS	20	1	2.50	100	7.33	1.78	0.001	0.359	0.358	0.460	06/06/2019	14:07
7	K3153-01		1	2.51	100	7.25	1.89	0.013	0.014	0.001	0.001	06/06/2019	14:08
8	K3153-03		1	2.54	100	7.20	2.05	0.010	0.010	0.000	0.000	06/06/2019	14:08
9	K3153-05		1	2.55	100	7.10	2.13	0.010	0.011	0.001	0.001	06/06/2019	14:09
10	K3156-01		1	2.55	100	7.44	2.41	0.018	0.018	0.000	0.000	06/06/2019	14:10
11	K3211-01		1	2.50	100	7.69	2.45	0.005	0.005	0.000	0.000	06/06/2019	14:10
12	K3211-03		1	2.52	100	7.25	1.50	0.007	0.030	0.023	0.030	06/06/2019	14:11
13	K3211-03DUP		1	2.52	100	7.30	1.51	0.007	0.031	0.024	0.031	06/06/2019	14:11
14	K3211-03MSPre	40	2	2.55	100	7.20	1.56	0.014	0.408	0.394	0.506	06/06/2019	14:12
15	CCV2	0.5	1	100	100		2.00	0.000	0.398	0.398	0.511	06/06/2019	14:12
16	CCB2		1	100	100		2.14	0.000	0.000	0.000	0.000	06/06/2019	14:13
17	K3211-03MS2Ins	1284	40	2.55	100	7.50	1.86	0.003	0.679	0.676	0.868	06/06/2019	14:13
18	K3211-03MS3Post	40	2	2.53	100	7.55	1.56	0.013	0.410	0.397	0.510	06/06/2019	14:13
19	K3211-05		1	2.50	100	7.65	2.30	0.009	0.010	0.001	0.001	06/06/2019	14:14
20	K3211-07		1	2.55	100	7.85	2.47	0.017	0.017	0.000	0.000	06/06/2019	14:14
21	K3218-01		1	2.50	100	7.12	2.22	0.013	0.014	0.001	0.001	06/06/2019	14:15
22	K3218-04		1	2.53	100	7.32	2.45	0.029	0.029	0.000	0.000	06/06/2019	14:15
23	K3218-07		1	2.54	100	7.15	1.86	0.012	0.015	0.003	0.004	06/06/2019	14:16
24	CCV3	0.5	1	100	100		1.68	0.000	0.375	0.375	0.482	06/06/2019	14:16
25	CCB3		1	100	100		2.14	0.000	0.000	0.000	0.000	06/06/2019	14:17