

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ARIEL

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB103695

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP75875
Calibratation STD Hexa Chrome 0.5 PPM	WP75876
Calibration Std. hexchrome 0.1 ppm	WP75881
Calibration Std. hexchrome 0.05 ppm	WP75880
calibration std. hexchrome 0.01 ppm	WP75879
calibration std. hexchrome 0 ppm	WP75878
Hexavalent Chromium ICV Std.	WP75883
Hexavalent Chromium CCV Std	WP75882
hexavalent chromium color reagent	WP75833
5N sulfuric acid	WP75751
Calibration std Hexachrome, 0.025ppm	WP75877
HNO3 Hex-Chrome, 5M	WP74162

Intercept: -0.0004

Slope: 0.7696

Regression: 0.999889

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		1.56	0.000	0.000	0.000	06/28/2019	16:05
2	CAL2	0.01	1	100	100		1.50	0.000	0.008	0.008	06/28/2019	16:05
3	CAL3	0.025	1	100	100		1.50	0.000	0.019	0.019	06/28/2019	16:06
4	CAL4	0.05	1	100	100		1.60	0.000	0.039	0.039	06/28/2019	16:06
5	CAL5	0.1	1	100	100		1.55	0.000	0.070	0.070	06/28/2019	16:07
6	CAL6	0.5	1	100	100		1.85	0.000	0.392	0.392	06/28/2019	16:07
7	CAL7	1	1	100	100		2.03	0.000	0.766	0.766	06/28/2019	16:08



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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	0.385	0.385	0.501	06/28/2019	16:08
2	ICB		1	100	100		1.54	0.000	0.000	0.000	0.001	06/28/2019	16:09
3	CCV1	0.5	1	100	100		1.60	0.000	0.395	0.395	0.514	06/28/2019	16:09
4	CCB1		1	100	100		1.57	0.000	0.000	0.000	0.001	06/28/2019	16:10
5	PB121024BL		1	2.55	100	7.15	1.68	0.000	0.000	0.000	0.001	06/28/2019	16:10
6	PB121024BS	20	1	2.55	100	7.21	1.58	0.000	0.379	0.379	0.493	06/28/2019	16:11
7	K3158-07		1	2.50	100	7.45	1.56	0.005	0.005	0.000	0.001	06/28/2019	16:11
8	K3163-13		1	2.55	100	7.21	1.80	0.004	0.004	0.000	0.001	06/28/2019	16:12
9	K3163-15		1	2.53	100	7.22	1.75	0.008	0.008	0.000	0.001	06/28/2019	16:12
10	K3554-02		1	2.53	100	7.15	1.74	0.023	0.023	0.000	0.001	06/28/2019	16:13
11	K3554-06		1	2.52	100	7.54	2.03	0.005	0.005	0.000	0.001	06/28/2019	16:13
12	K3554-10		1	2.51	100	7.86	2.04	0.004	0.004	0.000	0.001	06/28/2019	16:14
13	K3555-02		1	2.54	100	7.23	2.14	0.006	0.006	0.000	0.001	06/28/2019	16:14
14	K3555-06		1	2.50	100	7.21	1.68	0.006	0.006	0.000	0.001	06/28/2019	16:15
15	CCV2	0.5	1	100	100		1.85	0.000	0.387	0.387	0.503	06/28/2019	16:15
16	CCB2		1	100	100		1.57	0.000	0.000	0.000	0.001	06/28/2019	16:16
17	K3555-10		1	2.50	100	7.24	1.54	0.014	0.014	0.000	0.001	06/28/2019	16:16
18	K3555-14		1	2.51	100	7.30	1.56	0.005	0.005	0.000	0.001	06/28/2019	16:17
19	K3555-18		1	2.55	100	7.14	1.56	0.008	0.008	0.000	0.001	06/28/2019	16:17
20	K3555-22		1	2.51	100	7.10	1.50	0.007	0.007	0.000	0.001	06/28/2019	16:18
21	K3555-22DUP		1	2.50	100	7.02	1.50	0.008	0.008	0.000	0.001	06/28/2019	16:18
22	K3555-22MSPre	40	2	2.52	100	7.25	1.52	0.002	0.385	0.383	0.498	06/28/2019	16:19
23	K3555-22MS2Ins	1284	40	2.51	100	7.25	1.54	0.000	0.650	0.650	0.845	06/28/2019	16:19
24	K3555-22MS3Post	40	2	2.53	100	7.63	1.52	0.005	0.390	0.385	0.501	06/28/2019	16:20
25	K3584-01		1	2.52	100	7.58	1.68	0.002	0.018	0.016	0.021	06/28/2019	16:20
26	CCV3	0.5	1	100	100		1.65	0.000	0.395	0.395	0.514	06/28/2019	16:21
27	CCB3		1	100	100		1.56	0.000	0.000	0.000	0.001	06/28/2019	16:21