

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ariel

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB103347

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP75396
Calibratation STD Hexa Chrome 0.5 PPM	WP75397
Calibration Std. hexchrome 0.1 ppm	WP75402
Calibration Std. hexchrome 0.05 ppm	WP75401
calibration std. hexchrome 0.01 ppm	WP75400
calibration std. hexchrome 0 ppm	WP75399
Hexavalent Chromium ICV Std.	WP75404
Hexavalent Chromium CCV Std	WP75403
hexavalent chromium color reagent	WP75406
5N sulfuric acid	WP74163
Calibration std Hexachrome, 0.025ppm	WP75398
HNO3 Hex-Chrome, 5M	WP74162

Intercept: 0.0004

Slope: 0.7823

Regression: 0.999928

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		1.65	0.000	0.000	0.000	06/12/2019	12:00
2	CAL2	0.01	1	100	100		1.66	0.000	0.007	0.007	06/12/2019	12:00
3	CAL3	0.025	1	100	100		1.58	0.000	0.018	0.018	06/12/2019	12:01
4	CAL4	0.05	1	100	100		1.64	0.000	0.039	0.039	06/12/2019	12:01
5	CAL5	0.1	1	100	100		1.70	0.000	0.079	0.079	06/12/2019	12:02
6	CAL6	0.5	1	100	100		1.56	0.000	0.399	0.399	06/12/2019	12:02
7	CAL7	1	1	100	100		1.54	0.000	0.779	0.779	06/12/2019	12:03



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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		1.52	0.000	0.390	0.390	0.498	06/12/2019	12:03
2	ICB		1	100	100		1.62	0.000	0.000	0.000	-0.001	06/12/2019	12:04
3	CCV1	0.5	1	100	100		1.60	0.000	0.392	0.392	0.501	06/12/2019	12:04
4	CCB1		1	100	100		1.68	0.000	0.000	0.000	-0.001	06/12/2019	12:05
5	PB120496BL		1	2.50	100	7.14	1.53	0.000	0.000	0.000	-0.001	06/12/2019	12:05
6	PB120496BS	20	1	2.50	100	7.15	1.58	0.000	0.389	0.389	0.497	06/12/2019	12:06
7	K3159-01		1	2.51	100	1.53	1.78	0.012	0.012	0.000	-0.001	06/12/2019	12:06
8	K3159-03		1	2.51	100	1.56	1.75	0.011	0.011	0.000	-0.001	06/12/2019	12:07
9	K3271-02		1	2.50	100	1.86	2.01	0.009	0.009	0.000	-0.001	06/12/2019	12:07
10	K3282-01		1	2.55	100	1.75	1.66	0.034	0.034	0.000	-0.001	06/12/2019	12:08
11	K3283-01		1	2.52	100	2.04	1.77	0.013	0.013	0.000	-0.001	06/12/2019	12:08
12	K3283-01DUP		1	2.50	100	1.98	1.75	0.011	0.011	0.000	-0.001	06/12/2019	12:09
13	K3283-01MSPre	40	2	2.53	100	1.98	1.76	0.004	0.293	0.289	0.369	06/12/2019	12:09
14	K3283-01MS2Ins	1284	40	2.51	100	2.33	1.57	0.005	0.648	0.643	0.821	06/12/2019	12:10
15	CCV2	0.5	1	100	100		2.30	0.000	0.400	0.400	0.511	06/12/2019	12:10
16	CCB2		1	100	100		2.45	0.000	0.000	0.000	-0.001	06/12/2019	12:11
17	K3283-01MS3Post	40	2	2.51	100	2.04	2.14	0.009	0.325	0.316	0.403	06/12/2019	12:12
18	K3285-02		1	2.51	100	1.89	2.12	0.030	0.030	0.000	-0.001	06/12/2019	12:12
19	CCV3	0.5	1	100	100		1.57	0.000	0.401	0.401	0.512	06/12/2019	12:13
20	CCB3		1	100	100		1.69	0.000	0.000	0.000	-0.001	06/12/2019	12:13