

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ARIEL

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB103585

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP75738
Calibratation STD Hexa Chrome 0.5 PPM	WP75739
Calibration Std. hexchrome 0.1 ppm	WP75744
Calibration Std. hexchrome 0.05 ppm	WP75743
calibration std. hexchrome 0.01 ppm	WP75742
calibration std. hexchrome 0 ppm	WP75741
Hexavalent Chromium ICV Std.	WP75746
Hexavalent Chromium CCV Std	WP75745
hexavalent chromium color reagent	WP75644
5N sulfuric acid	WP74163
Calibration std Hexachrome, 0.025ppm	WP75740
HNO3 Hex-Chrome, 5M	WP74162

Intercept: 0.0009

Slope: 0.7649

Regression: 0.999921

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	06/24/2019	15:20
2	CAL2	0.01	1	100	100		1.55	0.000	0.007	0.007	06/24/2019	15:20
3	CAL3	0.025	1	100	100		1.57	0.000	0.019	0.019	06/24/2019	15:21
4	CAL4	0.05	1	100	100		1.55	0.000	0.038	0.038	06/24/2019	15:21
5	CAL5	0.1	1	100	100		1.63	0.000	0.078	0.078	06/24/2019	15:22
6	CAL6	0.5	1	100	100		1.56	0.000	0.391	0.391	06/24/2019	15:22
7	CAL7	1	1	100	100		1.57	0.000	0.762	0.762	06/24/2019	15:23

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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		1.54	0.000	0.386	0.386	0.503	06/24/2019	15:25
2	ICB		1	100	100		1.56	0.000	0.000	0.000	-0.001	06/24/2019	15:25
3	CCV1	0.5	1	100	100		1.50	0.000	0.380	0.380	0.496	06/24/2019	15:26
4	CCB1		1	100	100		1.75	0.000	0.000	0.000	-0.001	06/24/2019	15:26
5	PB120857BL		1	2.51	100	7.10	1.65	0.000	0.000	0.000	-0.001	06/24/2019	15:27
6	PB120857BS	20	1	2.50	100	7.20	1.57	0.000	0.399	0.399	0.520	06/24/2019	15:27
7	K2459-01		1	2.50	100	7.15	1.53	0.017	0.020	0.003	0.003	06/24/2019	15:28
8	K2459-01DUP		1	2.55	100	7.21	1.88	0.018	0.021	0.003	0.003	06/24/2019	15:28
9	K2459-01MSPre	40	2	2.53	100	7.41	1.56	0.002	0.335	0.333	0.434	06/24/2019	15:29
10	K2459-01MS2Ins	1284	40	2.55	100	7.46	1.55	0.000	0.680	0.680	0.888	06/24/2019	15:29
11	K2459-01MS3Post	40	2	2.51	100	7.23	1.58	0.007	0.374	0.367	0.479	06/24/2019	15:30
12	K3152-01		1	2.50	100	7.20	1.62	0.012	0.016	0.004	0.004	06/24/2019	15:30
13	K3158-05		1	2.52	100	7.24	1.87	0.009	0.009	0.000	-0.001	06/24/2019	15:31
14	K3470-02		1	2.53	100	7.22	1.75	0.018	0.018	0.000	-0.001	06/24/2019	15:31
15	CCV2	0.5	1	100	100		1.32	0.000	0.360	0.360	0.469	06/24/2019	15:32
16	CCB2		1	100	100		1.52	0.000	0.000	0.000	-0.001	06/24/2019	15:32
17	K3470-06		1	2.51	100	7.56	1.59	0.015	0.015	0.000	-0.001	06/24/2019	15:33
18	K3470-10		1	2.50	100	7.55	1.88	0.007	0.007	0.000	-0.001	06/24/2019	15:33
19	K3472-02		1	2.52	100	7.34	1.76	0.007	0.007	0.000	-0.001	06/24/2019	15:34
20	K3482-01		1	2.51	100	7.45	1.53	0.012	0.012	0.000	-0.001	06/24/2019	15:34
21	K3482-03		1	2.51	100	7.35	1.57	0.001	0.005	0.004	0.004	06/24/2019	15:35
22	K3482-05		1	2.51	100	7.56	1.55	0.002	0.002	0.000	-0.001	06/24/2019	15:35
23	K3482-07		1	2.53	100	7.14	1.65	0.031	0.031	0.000	-0.001	06/24/2019	15:36
24	K3487-01		1	2.52	100	7.86	1.88	0.023	0.023	0.000	-0.001	06/24/2019	15:36
25	K3490-01		1	2.51	100	7.85	1.88	0.064	0.064	0.000	-0.001	06/24/2019	15:37
26	CCV3	0.5	1	100	100		1.56	0.000	0.379	0.379	0.494	06/24/2019	15:37
27	CCB3		1	100	100		1.52	0.000	0.000	0.000	-0.001	06/24/2019	15:38