

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ARIEL

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB103660

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP75823
Calibratation STD Hexa Chrome 0.5 PPM	WP75824
Calibration Std. hexchrome 0.1 ppm	WP75829
Calibration Std. hexchrome 0.05 ppm	WP75828
calibration std. hexchrome 0.01 ppm	WP75827
calibration std. hexchrome 0 ppm	WP75826
Hexavalent Chromium ICV Std.	WP75831
Hexavalent Chromium CCV Std	WP75830
Hexavalent Chromium LCS Std	WP75832
hexavalent chromium color reagent	WP75833
5N sulfuric acid	WP75751
Calibration std Hexachrome, 0.025ppm	WP75825

Intercept: -0.0003

Slope: 0.7785

Regression: 0.999973

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	06/27/2019	11:20
2	CAL2	0.01	1	100	100		1.60	0.000	0.007	0.007	06/27/2019	11:20
3	CAL3	0.025	1	100	100		1.58	0.000	0.018	0.018	06/27/2019	11:21
4	CAL4	0.05	1	100	100		1.59	0.000	0.040	0.040	06/27/2019	11:21
5	CAL5	0.1	1	100	100		1.67	0.000	0.080	0.080	06/27/2019	11:22
6	CAL6	0.5	1	100	100		1.65	0.000	0.385	0.385	06/27/2019	11:22
7	CAL7	1	1	100	100		1.53	0.000	0.780	0.780	06/27/2019	11:23



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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		1.70	0.000	0.402	0.402	0.517	06/27/2019	11:23
2	ICB		1	100	100		1.65	0.000	0.000	0.000	0.000	06/27/2019	11:24
3	CCV1	0.5	1	100	100		1.78	0.000	0.386	0.386	0.496	06/27/2019	11:24
4	CCB1		1	100	100		1.68	0.000	0.000	0.000	0.000	06/27/2019	11:25
5	LB103660BL		1	100	100		1.59	0.000	0.000	0.000	0.000	06/27/2019	11:25
6	LB103660BS	0.5	1	100	100		1.56	0.000	0.431	0.431	0.554	06/27/2019	11:26
7	K3556-01		1	100	100		1.89	0.012	1.291	1.279	1.643	06/27/2019	11:26
8	K3556-01DUP		1	100	100		1.56	0.012	1.291	1.279	1.643	06/27/2019	11:27
9	K3556-01MS	1	2	100	100		2.03	0.011	1.694	1.683	2.162	06/27/2019	11:27
10	K3556-01MSD	1	2	100	100		2.05	0.010	1.690	1.680	2.158	06/27/2019	11:28
11	K3556-02		1	100	100		1.99	0.002	0.002	0.000	0.000	06/27/2019	11:28
12	K3556-03		100	100	100		2.01	0.002	0.334	0.332	0.427	06/27/2019	11:29
13	K3556-04		100	100	100		1.68	0.003	0.320	0.317	0.408	06/27/2019	11:29
14	K3556-01		10	100	100		1.89	0.011	0.154	0.143	0.184	06/27/2019	11:30
15	CCV2	0.5	1	100	100		1.85	0.000	0.389	0.389	0.500	06/27/2019	11:30
16	CCB2		1	100	100		1.74	0.000	0.000	0.000	0.000	06/27/2019	11:31
17	K3556-01DUP		10	100	100		1.56	0.010	0.155	0.145	0.187	06/27/2019	11:31
18	K3556-01MS	1	10	100	100		2.03	0.009	0.198	0.189	0.243	06/27/2019	11:32
19	K3556-01MSD	1	10	100	100		2.05	0.008	0.196	0.188	0.242	06/27/2019	11:32
20	CCV3	0.5	1	100	100		1.85	0.000	0.399	0.399	0.513	06/27/2019	11:33
21	CCB3		1	100	100		1.74	0.000	0.000	0.000	0.000	06/27/2019	11:33

WORKLIST(Hardcopy Internal Chain)

WorkList Name : HEX062719-2 WorkList ID : 127986 Department : Wet-Chemistry Date : 06-27-2019 10:33:06

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
06/27/2019	Water	K3556-01	Hexavalent Chromium	Cool 4 deg C	JACO05	J53	EPA-44-OB-062619	06/26/2019	7196A
06/27/2019	Water	K3556-02	Hexavalent Chromium	Cool 4 deg C	JACO05	J53	EB-062619	06/26/2019	7196A
06/27/2019	Water	K3556-03	Hexavalent Chromium	Cool 4 deg C	JACO05	J53	EPA-EW-03-062619	06/26/2019	7196A
06/27/2019	Water	K3556-04	Hexavalent Chromium	Cool 4 deg C	JACO05	J53	EPAEPA-EW-03-062619-FD	06/26/2019	7196A

Date/Time 6/27/19 11:00
 Received by: AB
 Relinquished by: SR

Date/Time 6/27/19 11:30
 Received by: SR
 Relinquished by: AB