

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB107425

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration STD HexaChrome 1 PPM	WP81613
Calibration STD Hexa Chrome 0.5 PPM	WP81614
Calibration Std. hexchrome 0.1 ppm	WP81615
Calibration Std. hexchrome 0.05 ppm	WP81616
calibration std. hexchrome 0.01 ppm	WP81617
calibration std. hexchrome 0 ppm	WP81618
Hexavalent Chromium ICV Std.	WP81619
Hexavalent Chromium CCV Std	WP81620
Hexavalent Chromium LCS Std	WP81621
hexavalent chromium color reagent	WP81623
5N sulfuric acid	WP79628
HNO3 Hex-Chrome, 5M	WP80978

Intercept: 0.0009

Slope: 0.7482

Regression: 0.999968

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		2.04	0.000	0.000	0.000	01/29/2020	10:32
2	CAL2	0.01	1	100	100		2.03	0.000	0.007	0.007	01/29/2020	10:33
3	CAL3	0.025	1	100	100		2.04	0.000	0.019	0.019	01/29/2020	10:34
4	CAL4	0.05	1	100	100		2.08	0.000	0.037	0.037	01/29/2020	10:35
5	CAL5	0.1	1	100	100		2.03	0.000	0.078	0.078	01/29/2020	10:36
6	CAL6	0.5	1	100	100		2.04	0.000	0.379	0.379	01/29/2020	10:37
7	CAL7	1	1	100	100		2.04	0.000	0.747	0.747	01/29/2020	10:38

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								Backgrnd	Color				
1	ICV	0.5	1	100	100		2.03	0.000	0.381	0.381	0.508	01/29/2020	10:39
2	ICB		1	100	100		2.04	0.000	0.000	0.000	-0.001	01/29/2020	10:40
3	CCV1	0.5	1	100	100		2.05	0.000	0.378	0.378	0.504	01/29/2020	10:41
4	CCB1		1	100	100		2.06	0.000	0.000	0.000	-0.001	01/29/2020	10:42
5	LB107425BL		1	100	100		2.04	0.000	0.000	0.000	-0.001	01/29/2020	10:43
6	LB107425BS	0.5	1	100	100		2.08	0.000	0.403	0.403	0.537	01/29/2020	10:44
7	L1161-07		1	100	100		2.09	0.002	0.007	0.005	0.005	01/29/2020	10:45
8	L1161-08		1	100	100		2.04	0.002	0.010	0.008	0.009	01/29/2020	10:46
9	L1294-07		1	100	100		2.05	0.003	0.003	0.000	-0.001	01/29/2020	18:08
10	L1304-01		1	100	100		2.06	0.005	0.006	0.001	0.000	01/29/2020	10:47
11	L1304-01DUP		1	100	100		2.08	0.004	0.005	0.001	0.000	01/29/2020	10:48
12	L1304-01MS	1	2	100	100		2.07	0.005	0.368	0.363	0.484	01/29/2020	10:49
13	L1304-01MSD	1	2	100	100		2.05	0.004	0.367	0.363	0.484	01/29/2020	10:50
14	L1304-04		1	100	100		2.03	0.001	0.001	0.000	-0.001	01/29/2020	10:51
15	CCV2	0.5	1	100	100		2.07	0.000	0.381	0.381	0.508	01/29/2020	10:52
16	CCB2		1	100	100		2.01	0.000	0.000	0.000	-0.001	01/29/2020	10:53

WORKLIST(Hardcopy Internal Chain)

LB 107425

WorkList Name : hex12720-1 WorkList ID : 135408 Department : Wet-Chemistry Date : 01-27-2020 09:31:59

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
01/17/2020	Water	L1161-07	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Office	LOD-MDL-WATER-01-QT1-20	01/16/2020	7196A
01/17/2020	Water	L1161-08	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Office	LOQ-WATER-02-QT1-2020	01/16/2020	7196A
01/29/2020	Water	L1304-01	Hexavalent Chromium	Cool 4 deg C	AQUA04	J31	0075-COMP-ELUTIRATE	01/28/2020	7196A
01/29/2020	Water	L1304-04	Hexavalent Chromium	Cool 4 deg C	AQUA04	J31	0075-COMP-ELUTIRATE	01/28/2020	7196A

Date/Time 01/29/20 10:00
 Received by: KS
 Relinquished by: JS

Date/Time 01/29/20 10:55
 Received by: JS
 Relinquished by: KS