

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB115397

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP92058
Calibration Std. hexchrome 0.05 ppm	WP92059
calibration std. hexchrome 0.01 ppm	WP92060
calibration std. hexchrome 0 ppm	WP92061
hexavalent chromium color reagent	WP92054
5N sulfuric acid	WP90754
HEX LOD STD, 0.005PPM	WP92063
Hexchrome Cleaning Solution	WP89916
Calibration Std Hexachrome 0.025 ppm	WP92064
Hexavalent Chromium ICV-LCS Std	WP92062
Calibration and CCV std HexChrome 0.5PPM	WP92057
Calibration std HexChrome 1.0PPM	WP92056

Intercept: -0.0007

Slope: 0.7809

Regression: 0.999995

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb.at 540nm		Absorbance Difference	Result (mg/L)	%D	Anal Date	Anal Time
								Backgrnd	Color					
1	CAL1	0	1	100	100		2.08	0.000	0.000	0.000	0.000		07/16/2021	12:15
2	CAL2	0.01	1	100	100		1.90	0.000	0.006	0.006	0.008	20	07/16/2021	12:15
3	CAL3	0.025	1	100	100		1.87	0.000	0.018	0.018	0.023	8	07/16/2021	12:16
4	CAL4	0.05	1	100	100		1.74	0.000	0.038	0.038	0.049	2	07/16/2021	12:17
5	CAL5	0.1	1	100	100		2.10	0.000	0.079	0.079	0.102	-2	07/16/2021	12:18
6	CAL6	0.5	1	100	100		2.36	0.000	0.390	0.390	0.500	0	07/16/2021	12:19
7	CAL7	1	1	100	100		2.25	0.000	0.780	0.780	0.999	0.1	07/16/2021	12:20



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Seq	Lab ID	True Value	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb.at540nm		Absorbance Difference	Intermediate Result (mg/L)	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		2.08	0.000	0.391	0.391	0.502	07/16/2021	12:22
2	ICB		1	100	100		1.98	0.000	0.000	0.000	0.001	07/16/2021	12:23
3	CCV1	0.5	1	100	100		1.74	0.000	0.390	0.390	0.500	07/16/2021	12:24
4	CCB1		1	100	100		1.85	0.000	0.000	0.000	0.001	07/16/2021	12:25
5	RL Check	0.01	1	100	100		2.34	0.000	0.007	0.007	0.010	07/16/2021	12:26
6	LB115397BL		1	100	100		2.25	0.000	0.000	0.000	0.001	07/16/2021	12:27
7	LB115397BS	0.5	1	100	100		2.10	0.000	0.403	0.403	0.517	07/16/2021	12:28
8	M2940-09		1	100	100		2.09	0.000	0.004	0.004	0.006	07/16/2021	12:29
9	M3076-05		1	100	100		1.88	0.001	0.001	0.000	0.001	07/16/2021	12:30
10	M3076-05DU		1	100	100		1.95	0.002	0.002	0.000	0.001	07/16/2021	12:31
11	CCV2	0.5	1	100	100		1.75	0.000	0.392	0.392	0.503	07/16/2021	12:32
12	CCB2		1	100	100		2.07	0.000	0.000	0.000	0.001	07/16/2021	12:32

WORKLIST(Hardcopy Internal Chain)

LB 115397

WorkList Name : HEX71621-1 WorkList ID : 150633 Department : Wet-Chemistry Date : 07-16-2021 11:45:45

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
07/26/2021	Water	M2940-09	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Office	MDL-WATER-03-QT3-202	07/06/2021	7196A
07/30/2021	Water	M3076-05	Hexavalent Chromium	Ammonium sul	AQUA04	L33	20210515-FIELD-BLANK	07/15/2021	7196A

Date/Time 07/16/21 11:50
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: JA (WC)

Date/Time 07/16/21 12:40
 Raw Sample Received by: JA (WC)
 Raw Sample Relinquished by: KS (WC)