

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB113497

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP89936
Calibration Std. hexchrome 0.05 ppm	WP89937
calibration std. hexchrome 0.01 ppm	WP89938
calibration std. hexchrome 0 ppm	WP89940
hexavalent chromium color reagent	WP89912
5N sulfuric acid	WP88023
HNO3 Hex-Chrome, 5M	WP88022
Hexchrome Cleaning Solution	WP89916
Calibration Std Hexachrome 0.025 ppm	WP89939
Hexavalent Chromium ICV-LCS Std	WP89941
Calibration and CCV std HexChrome 0.5PPM	WP89935
Calibration std HexChrome 1.0PPM	WP89934

Intercept: -0.0007

Slope: 0.7809

Regression: 0.999995

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml)	Final Vol (ml)	pH HNO3	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		03/12/2021	14:50
2	CAL2	0.01	1	100	100		1.98	0.000	0.006	0.006	0.008	20	03/12/2021	14:51
3	CAL3	0.025	1	100	100		1.78	0.000	0.018	0.018	0.023	8	03/12/2021	14:52
4	CAL4	0.05	1	100	100		1.88	0.000	0.038	0.038	0.049	2	03/12/2021	14:53
5	CAL5	0.1	1	100	100		2.07	0.000	0.079	0.079	0.102	-2	03/12/2021	14:54
6	CAL6	0.5	1	100	100		1.89	0.000	0.390	0.390	0.500	0	03/12/2021	14:55
7	CAL7	1	1	100	100		1.78	0.000	0.780	0.780	0.999	0.1	03/12/2021	14:56



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pH Meter ID: WC pH Meter-1

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		2.07	0.000	0.390	0.390	0.500	03/12/2021	14:57
2	ICB		1	100	100		2.15	0.000	0.000	0.000	0.001	03/12/2021	14:58
3	CCV1	0.5	1	100	100		2.34	0.000	0.391	0.391	0.502	03/12/2021	15:10
4	CCB1		1	100	100		2.08	0.000	0.000	0.000	0.001	03/12/2021	15:11
5	LB113497BL		1	100	100		1.88	0.000	0.000	0.000	0.001	03/12/2021	15:12
6	LB113497BS	0.5	1	100	100		1.79	0.000	0.393	0.393	0.504	03/12/2021	15:13
7	M1458-09		1	100	100		1.98	0.000	0.004	0.004	0.006	03/12/2021	15:14
8	CCV2	0.5	1	100	100		1.75	0.000	0.392	0.392	0.503	03/12/2021	15:15
9	CCB2		1	100	100		2.09	0.000	0.000	0.000	0.001	03/12/2021	15:16

WORKLIST(Hardcopy Internal Chain)

LB 113497

WorkList Name : HEX31221 WorkList ID : 147112 Department : Wet-Chemistry Date : 03-12-2021 13:29:00

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
03/11/2021	Water	M1458-09	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Office	MDL-WATER-03-QT1-2021	02/19/2021	7196A

Date/Time 11/11
 Received by: il
 Relinquished by: il

Date/Time 11/11
 Received by: il
 Relinquished by: il