

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB113439

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP89880
Calibration Std. hexchrome 0.05 ppm	WP89881
calibration std. hexchrome 0.01 ppm	WP89882
calibration std. hexchrome 0 ppm	WP89884
hexavalent chromium color reagent	WP89774
5N sulfuric acid	WP88023
HNO3 Hex-Chrome, 5M	WP88022
Hexchrome Cleaning Solution	WP88024
Calibration Std Hexachrome 0.025 ppm	WP89883
Hexavalent Chromium ICV-LCS Std	WP89885
Calibration and CCV std HexChrome 0.5PPM	WP89879
Calibration std HexChrome 1.0PPM	WP89878

Intercept: -0.0006

Slope: 0.7815

Regression: 0.999991

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		2.25	0.000	0.000	0.000	0.000		03/10/2021	12:45
2	CAL2	0.01	1	100	100		1.96	0.000	0.006	0.006	0.008	20	03/10/2021	12:46
3	CAL3	0.025	1	100	100		1.79	0.000	0.018	0.018	0.023	8	03/10/2021	12:47
4	CAL4	0.05	1	100	100		2.31	0.000	0.038	0.038	0.049	2	03/10/2021	12:48
5	CAL5	0.1	1	100	100		2.14	0.000	0.079	0.079	0.101	-1	03/10/2021	12:49
6	CAL6	0.5	1	100	100		1.88	0.000	0.392	0.392	0.501	-0.2	03/10/2021	12:50
7	CAL7	1	1	100	100		1.76	0.000	0.780	0.780	0.999	0.1	03/10/2021	12:51



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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		2.34	0.000	0.385	0.385	0.493	03/10/2021	12:52
2	ICB		1	100	100		2.16	0.000	0.000	0.000	0.001	03/10/2021	12:53
3	CCV1	0.5	1	100	100		2.26	0.000	0.392	0.392	0.502	03/10/2021	12:54
4	CCB1		1	100	100		2.14	0.000	0.000	0.000	0.001	03/10/2021	12:55
5	LB113439BL		1	100	100		2.09	0.000	0.000	0.000	0.001	03/10/2021	12:56
6	LB113439BS	0.5	1	100	100		2.37	0.000	0.414	0.414	0.531	03/10/2021	12:57
7	M1458-07		1	100	100		2.26	0.000	0.004	0.004	0.006	03/10/2021	12:58
8	M1458-08		1	100	100		2.14	0.000	0.007	0.007	0.010	03/10/2021	12:59
9	M1561-01		1	100	100		2.37	0.000	0.225	0.225	0.289	03/10/2021	13:00
10	CCV2	0.5	1	100	100		2.25	0.000	0.390	0.390	0.500	03/10/2021	13:01
11	CCB2		1	100	100		2.14	0.000	0.000	0.000	0.001	03/10/2021	13:02

WORKLIST(Hardcopy Internal Chain)

WorkList Name : HEX31021 WorkList ID : 147015 Department : Wet-Chemistry Date : 03-10-2021 10:02:11

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
03/11/2021	Water	M1458-07	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Office	LOD-MDL-WATER-01-QT1-20	02/19/2021	7196A
03/11/2021	Water	M1458-08	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Office	LOQ-WATER-02-QT1-2021	02/19/2021	7196A

Date/Time _____
 Received by: _____
 Relinquished by: _____

Date/Time _____
 Received by: _____
 Relinquished by: _____

LB113439