

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB115474

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP92150
Calibration Std. hexchrome 0.05 ppm	WP92151
calibration std. hexchrome 0.01 ppm	WP92153
calibration std. hexchrome 0 ppm	WP92159
hexavalent chromium color reagent	WP92054
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
Hexchrome Cleaning Solution	WP89916
Calibration Std Hexachrome 0.025 ppm	WP92156
Hexavalent Chromium ICV-LCS Std	WP92160
Calibration and CCV std HexChrome 0.5PPM	WP92149
Calibration std HexChrome 1.0PPM	WP92148

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		07/22/2021	10:05
2	CAL2	0.01	1	100	100		1.98	0.000	0.006	0.006	0.008	20	07/22/2021	10:06
3	CAL3	0.025	1	100	100		1.78	0.000	0.018	0.018	0.023	8	07/22/2021	10:07
4	CAL4	0.05	1	100	100		1.85	0.000	0.038	0.038	0.049	2	07/22/2021	10:08
5	CAL5	0.1	1	100	100		2.09	0.000	0.079	0.079	0.102	-2	07/22/2021	10:09
6	CAL6	0.5	1	100	100		2.10	0.000	0.390	0.390	0.500	0	07/22/2021	10:10
7	CAL7	1	1	100	100		2.36	0.000	0.780	0.780	0.999	0.1	07/22/2021	10:11



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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		2.09	0.000	0.390	0.390	0.500	07/22/2021	10:13
2	ICB		1	100	100		1.98	0.000	0.000	0.000	0.001	07/22/2021	10:13
3	CCV1	0.5	1	100	100		1.78	0.000	0.391	0.391	0.502	07/22/2021	10:14
4	CCB1		1	100	100		1.85	0.000	0.000	0.000	0.001	07/22/2021	10:15
5	RL Check	0.01	1	100	100		2.19	0.000	0.008	0.008	0.011	07/22/2021	10:16
6	lb115474BL		1	100	100		2.34	0.000	0.000	0.000	0.001	07/22/2021	10:17
7	lb115474BS	0.5	1	100	100		2.25	0.000	0.395	0.395	0.507	07/22/2021	10:18
8	M3114-06		1	100	100		2.13	0.002	0.002	0.000	0.001	07/22/2021	10:19
9	M3114-06DU		1	100	100		2.34	0.001	0.001	0.000	0.001	07/22/2021	10:20
10	CCV2	0.5	1	100	100		2.08	0.000	0.390	0.390	0.500	07/22/2021	10:21
11	CCB2		1	100	100		1.95	0.000	0.000	0.000	0.001	07/22/2021	10:22

WORKLIST(Hardcopy Internal Chain)

LB115474

WorkList Name : hex72221-2 WorkList ID : 150782 Department : Wet-Chemistry Date : 07-22-2021 09:09:35

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
08/02/2021	Water	M3114-06	Hexavalent Chromium	Ammonium sul	AQUA04	L11	20210516-FIELD-BLANK	07/19/2021	7196A

Date/Time 07/22/21 09:15
 Raw Sample Received by: KS (wc)
 Raw Sample Relinquished by: BH (Dig Lab)

Date/Time 07/22/21 10:25
 Raw Sample Received by: BH (Dig Lab)
 Raw Sample Relinquished by: KS (wc)