

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB114861

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP91561
Calibration Std. hexchrome 0.05 ppm	WP91562
calibration std. hexchrome 0.01 ppm	WP91563
calibration std. hexchrome 0 ppm	WP91564
hexavalent chromium color reagent	WP91567
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
Hexchrome Cleaning Solution	WP89916
Calibration Std Hexachrome 0.025 ppm	WP91566
Hexavalent Chromium ICV-LCS Std	WP91565
Calibration and CCV std HexChrome 0.5PPM	WP91560
Calibration std HexChrome 1.0PPM	WP91559

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		06/09/2021	13:15
2	CAL2	0.01	1	100	100		1.96	0.000	0.006	0.006	0.008	20	06/09/2021	13:15
3	CAL3	0.025	1	100	100		1.74	0.000	0.018	0.018	0.023	8	06/09/2021	13:16
4	CAL4	0.05	1	100	100		1.85	0.000	0.038	0.038	0.049	2	06/09/2021	13:17
5	CAL5	0.1	1	100	100		2.35	0.000	0.079	0.079	0.102	-2	06/09/2021	13:18
6	CAL6	0.5	1	100	100		2.18	0.000	0.390	0.390	0.500	0	06/09/2021	13:19
7	CAL7	1	1	100	100		2.29	0.000	0.780	0.780	0.999	0.1	06/09/2021	13:20



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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		2.10	0.000	0.391	0.391	0.502	06/09/2021	13:21
2	ICB		1	100	100		2.35	0.000	0.000	0.000	0.001	06/09/2021	13:22
3	CCV1	0.5	1	100	100		2.28	0.000	0.392	0.392	0.503	06/09/2021	13:23
4	CCB1		1	100	100		1.90	0.000	0.000	0.000	0.001	06/09/2021	13:24
5	RL Check	0.01	1	100	100		1.74	0.000	0.007	0.007	0.010	06/09/2021	13:25
6	lb114861BL		1	100	100		1.85	0.000	0.000	0.000	0.001	06/09/2021	13:26
7	lb114861BS	0.5	1	100	100		2.09	0.000	0.385	0.385	0.494	06/09/2021	13:27
8	M2655-01		1	100	100		2.15	0.000	0.000	0.000	0.001	06/09/2021	13:28
9	M2655-01DU		1	100	100		2.35	0.000	0.000	0.000	0.001	06/09/2021	13:29
10	CCV2	0.5	1	100	100		2.20	0.000	0.390	0.390	0.500	06/09/2021	13:30
11	CCB2		1	100	100		2.19	0.000	0.000	0.000	0.001	06/09/2021	13:30

WORKLIST(Hardcopy Internal Chain)

LB114✓61

WorkList Name : hex6921-1 WorkList ID : 149669 Department : Wet-Chemistry Date : 06-09-2021 12:31:38

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
06/22/2021	Water	M2655-01	Hexavalent Chromium	Ammonium sul	AQUA04	F41	0226-FIELD-BLANK-2	06/08/2021	7196A

Date/Time 06/09/21 12:35
 Raw Sample Received by: KS (Wetchem)
 Raw Sample Relinquished by: CP SM

Date/Time 06/09/21 13:35
 Raw Sample Received by: CP SM
 Raw Sample Relinquished by: KS (Wetchem)