

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB115023

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP91717
Calibration Std. hexchrome 0.05 ppm	WP91719
calibration std. hexchrome 0.01 ppm	WP91718
calibration std. hexchrome 0 ppm	WP91721
hexavalent chromium color reagent	WP91692
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
Hexchrome Cleaning Solution	WP89916
Calibration Std Hexachrome 0.025 ppm	WP91720
Hexavalent Chromium ICV-LCS Std	WP91722
Calibration and CCV std HexChrome 0.5PPM	WP91716
Calibration std HexChrome 1.0PPM	WP91715

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			06/18/2021	10:40
2	CAL2	0.01	1	100	100		1.98	0.000	0.006	0.006			06/18/2021	10:41
3	CAL3	0.025	1	100	100		1.75	0.000	0.018	0.018			06/18/2021	10:42
4	CAL4	0.05	1	100	100		1.85	0.000	0.038	0.038			06/18/2021	10:43
5	CAL5	0.1	1	100	100		2.15	0.000	0.079	0.079			06/18/2021	10:44
6	CAL6	0.5	1	100	100		2.36	0.000	0.390	0.390			06/18/2021	10:45
7	CAL7	1	1	100	100		2.28	0.000	0.780	0.780			06/18/2021	10:46

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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		2.36	0.000	0.391	0.391	0.502	06/18/2021	10:47
2	ICB		1	100	100		2.20	0.000	0.000	0.000	0.001	06/18/2021	10:48
3	CCV1	0.5	1	100	100		2.15	0.000	0.390	0.390	0.500	06/18/2021	10:49
4	CCB1		1	100	100		1.96	0.000	0.000	0.000	0.001	06/18/2021	10:50
5	RL Check		1	100	100		1.86	0.000	0.007	0.007	0.010	06/18/2021	10:51
6	LB115023BL		1	100	100		1.74	0.000	0.000	0.000	0.001	06/18/2021	10:52
7	LB115023BS	0.5	1	100	100		1.88	0.002	0.355	0.353	0.453	06/18/2021	10:53
8	M2741-01		1	100	100		1.95	0.000	0.000	0.000	0.001	06/18/2021	10:54
9	M2771-02		1	100	100		2.09	0.002	0.002	0.000	0.001	06/18/2021	10:55
10	M2771-02DU		1	100	100		2.17	0.001	0.001	0.000	0.001	06/18/2021	10:56
11	M2771-02MS	1	2	100	100		2.36	0.002	0.413	0.411	0.527	06/18/2021	10:57
12	M2771-02MS	1	2	100	100		2.25	0.001	0.412	0.411	0.527	06/18/2021	10:58
13	M2771-03		1	100	100		1.89	0.000	0.000	0.000	0.001	06/18/2021	10:59
14	CCV2	0.5	1	100	100		1.97	0.000	0.390	0.390	0.500	06/18/2021	11:00
15	CCB2		1	100	100		1.74	0.000	0.000	0.000	0.001	06/18/2021	11:00

WORKLIST(Hardcopy Internal Chain)

LB 115023

WorkList Name : hex61821 WorkList ID : 149945 Department : Wet-Chemistry Date : 06-18-2021 09:16:12

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
06/23/2021	Water	M2741-01	Hexavalent Chromium	Ammonium sul	AQUA04	F62	0337-FEILD-BLANK	06/15/2021	7196A
06/24/2021	Water	M2771-02 C	Hexavalent Chromium	Ammonium sul	AQUA04	F51	0370-COMPOSITE-DC-2	06/17/2021	7196A
06/24/2021	Water	M2771-03 ✓	Hexavalent Chromium	Ammonium sul	AQUA04	F51	0370-COMPOSITE-DC-2	06/17/2021	7196A

Date/Time 06/18/21 09:05
Raw Sample Received by: KS (Wetchem)
Raw Sample Relinquished by: Am (Wetchem)

Date/Time 06/18/21 11:05
Raw Sample Received by: Am (Wetchem)
Raw Sample Relinquished by: KS (Wetchem)