

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB115060

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP91733
Calibration Std. hexchrome 0.05 ppm	WP91734
calibration std. hexchrome 0.01 ppm	WP91735
calibration std. hexchrome 0 ppm	WP91737
hexavalent chromium color reagent	WP91739
0.2N SULFURIC ACID	WP91740
Calibration Std Hexachrome 0.025 ppm	WP91736
Hexavalent Chromium ICV-LCS Std	WP91738
Calibration and CCV std HexChrome 0.5PPM	WP91732
Calibration std HexChrome 1.0PPM	WP91731

Intercept: -0.0011

Slope: 0.7813

Regression: 0.999995

Seq	Lab ID	True Value (mg/L)	DF	Initial Vol (ml)	Final Vol (ml)	pH HN03	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	0.001		06/23/2021	10:40
2	CAL2	0.01	1	100	100		1.98	0.000	0.006	0.006	0.009	10	06/23/2021	10:41
3	CAL3	0.025	1	100	100		1.75	0.000	0.017	0.017	0.023	8	06/23/2021	10:42
4	CAL4	0.05	1	100	100		1.86	0.000	0.038	0.038	0.050	0	06/23/2021	10:43
5	CAL5	0.1	1	100	100		2.08	0.000	0.078	0.078	0.101	-1	06/23/2021	10:44
6	CAL6	0.5	1	100	100		2.18	0.000	0.390	0.390	0.500	0	06/23/2021	10:45
7	CAL7	1	1	100	100		2.35	0.000	0.780	0.780	0.999	0.1	06/23/2021	10:46



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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		2.16	0.000	0.391	0.391	0.502	06/23/2021	10:47
2	ICB		1	100	100		2.35	0.000	0.000	0.000	0.001	06/23/2021	10:48
3	CCV1	0.5	1	100	100		2.28	0.000	0.392	0.392	0.503	06/23/2021	10:49
4	CCB1		1	100	100		1.97	0.000	0.000	0.000	0.001	06/23/2021	10:50
5	RL Check	0.01	1	100	100		1.74	0.000	0.007	0.007	0.010	06/23/2021	10:51
6	lb115060BL		1	100	100		1.85	0.000	0.000	0.000	0.001	06/23/2021	10:52
7	lb115060BS	0.5	1	100	100		2.09	0.000	0.410	0.410	0.526	06/23/2021	10:53
8	M2812-07		1	100	100		2.14	0.020	0.020	0.000	0.001	06/23/2021	10:54
9	M2812-07DU		1	100	100		2.35	0.019	0.019	0.000	0.001	06/23/2021	10:55
10	M2812-07MS	1	2	100	100		2.27	0.020	0.389	0.369	0.474	06/23/2021	10:56
11	M2812-07MS	1	2	100	100		2.18	0.019	0.390	0.371	0.476	06/23/2021	10:57
12	CCV2	0.5	1	100	100		2.36	0.000	0.390	0.390	0.501	06/23/2021	10:58
13	CCB2		1	100	100		2.28	0.000	0.000	0.000	0.001	06/23/2021	10:58

WORKLIST(Hardcopy Internal Chain)

LB115060

WorkList Name : hex62221-1 WorkList ID : 150020 Department : Wet-Chemistry Date : 06-22-2021 15:35:54

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
06/29/2021	Water	M2812-07	Hexavalent Chromium	Ammonium sul	PSEG03	J12	KG-WATER	06/22/2021	SM3500-Cr B

Date/Time 06/23/21 09:00
 Raw Sample Received by: KS (Wecker)
 Raw Sample Relinquished by: JP Gut (Mem)

Date/Time 06/23/21 11:00
 Raw Sample Received by: JP Gut (Mem)
 Raw Sample Relinquished by: KS (Wecker)