

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB125828

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP102838
Calibration Std. hexchrome 0.05 ppm	WP102835
calibration std. hexchrome 0.01 ppm	WP102831
calibration std. hexchrome 0 ppm	WP102830
hexavalent chromium color reagent	WP102709
0.2N SULFURIC ACID	WP100769
Calibration Std Hexachrome 0.025 ppm	WP102832
Hexavalent Chromium ICV-LCS Std	WP102841
Calibration and CCV std HexChrome 0.5PPM	WP102839
Calibration std HexChrome 1.0PPM	WP102840

Intercept: -0.0002

Slope: 0.7806

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		1.80	0.000	0.000	0.000	0.000		06/07/2023	09:40
2	CAL2	0.01	1	100	100		1.92	0.000	0.009	0.009	0.011	10	06/07/2023	09:41
3	CAL3	0.025	1	100	100		1.86	0.000	0.018	0.018	0.023	-8	06/07/2023	09:42
4	CAL4	0.05	1	100	100		1.88	0.000	0.038	0.038	0.048	-4	06/07/2023	09:43
5	CAL5	0.1	1	100	100		1.86	0.000	0.078	0.078	0.100	0	06/07/2023	09:44
6	CAL6	0.5	1	100	100		1.90	0.000	0.391	0.391	0.501	0.2	06/07/2023	09:45
7	CAL7	1	1	100	100		1.88	0.000	0.780	0.780	0.999	-0.1	06/07/2023	09:46



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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		1.90	0.000	0.390	0.390	0.500	06/07/2023	09:47
2	ICB		1	100	100		1.80	0.000	0.000	0.000	0.000	06/07/2023	09:48
3	CCV1	0.5	1	100	100		1.90	0.000	0.391	0.391	0.501	06/07/2023	09:49
4	CCB1		1	100	100		1.80	0.000	0.000	0.000	0.000	06/07/2023	09:50
5	RL Check	0.01	1	100	100		1.92	0.000	0.009	0.009	0.012	06/07/2023	09:51
6	lb125828BL		1	100	100		1.80	0.000	0.000	0.000	0.000	06/07/2023	09:52
7	lb125828BS	0.5	1	100	100		1.88	0.000	0.397	0.397	0.509	06/07/2023	09:53
8	O3069-11		1	100	100		2.00	0.016	0.016	0.000	0.000	06/07/2023	09:54
9	O3069-11DU		1	100	100		2.02	0.016	0.016	0.000	0.000	06/07/2023	09:55
10	O3069-11MS	1	2	100	100		2.02	0.025	0.382	0.357	0.458	06/07/2023	09:56
11	O3069-11MS	1	2	100	100		2.02	0.025	0.377	0.352	0.451	06/07/2023	09:57
12	CCV2	0.5	1	100	100		1.90	0.000	0.392	0.392	0.502	06/07/2023	09:58
13	CCB2		1	100	100		1.78	0.000	0.000	0.000	0.000	06/07/2023	09:59

WORKLIST(Hardcopy Internal Chain)

LB125028

WorkList Name : HEX W6 **WorkList ID :** 170595 **Department :** Wet-Chemistry **Date :** 06-06-2023 17:21:24

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O3069-11	TWP08	Water	Hexavalent Chromium	Ammonium sulfate buffer	loui01	D11	06/06/2023	SM3500-Cr B

Date/Time 06/06/2023 18:10
Raw Sample Received by: RM cewc
Raw Sample Relinquished by: JHGCY

Date/Time 06/07/2023 10:10
Raw Sample Received by: JHGCY
Raw Sample Relinquished by: RM cewc