



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB125799

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP102795
Calibration Std. hexchrome 0.05 ppm	WP102794
calibration std. hexchrome 0.01 ppm	WP102792
calibration std. hexchrome 0 ppm	WP102791
hexavalent chromium color reagent	WP102709
0.2N SULFURIC ACID	WP100769
Calibration Std Hexachrome 0.025 ppm	WP102793
Hexavalent Chromium ICV-LCS Std	WP102798
Calibration and CCV std HexChrome 0.5PPM	WP102796
Calibration std HexChrome 1.0PPM	WP102797

Intercept: -0.0002

Slope: 0.781

Regression: 0.999997

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		06/06/2023	08:50
2	CAL2	0.01	1	100	100		1.90	0.000	0.008	0.008	0.010	0	06/06/2023	08:51
3	CAL3	0.025	1	100	100		1.88	0.000	0.018	0.018	0.023	-8	06/06/2023	08:52
4	CAL4	0.05	1	100	100		1.88	0.000	0.039	0.039	0.050	0	06/06/2023	08:53
5	CAL5	0.1	1	100	100		1.86	0.000	0.079	0.079	0.101	1	06/06/2023	08:54
6	CAL6	0.5	1	100	100		1.92	0.000	0.390	0.390	0.499	-0.2	06/06/2023	08:55
7	CAL7	1	1	100	100		1.88	0.000	0.781	0.781	1.000	0	06/06/2023	08:56



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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	0.391	0.391	0.501	06/06/2023	08:57
2	ICB		1	100	100		1.80	0.000	0.000	0.000	0.000	06/06/2023	08:58
3	CCV1	0.5	1	100	100		1.92	0.000	0.392	0.392	0.502	06/06/2023	08:59
4	CCB1		1	100	100		1.78	0.000	0.000	0.000	0.000	06/06/2023	09:00
5	RL Check	0.01	1	100	100		1.90	0.000	0.009	0.009	0.012	06/06/2023	09:01
6	LB125799BL		1	100	100		1.80	0.000	0.000	0.000	0.000	06/06/2023	09:02
7	LB125799BS	0.5	1	100	100		1.88	0.000	0.385	0.385	0.493	06/06/2023	09:03
8	O3046-01		1	100	100		2.02	0.026	0.026	0.000	0.000	06/06/2023	09:04
9	O3046-01DU		1	100	100		2.02	0.026	0.026	0.000	0.000	06/06/2023	09:05
10	O3046-01MS	1	2	100	100		2.04	0.026	0.185	0.159	0.204	06/06/2023	09:06
11	O3046-01MS	1	2	100	100		2.02	0.027	0.187	0.160	0.205	06/06/2023	09:07
12	O3046-07		1	100	100		2.06	0.027	0.027	0.000	0.000	06/06/2023	09:08
13	O3046-13		1	100	100		2.08	0.038	0.038	0.000	0.000	06/06/2023	09:09
14	CCV2	0.5	1	100	100		1.92	0.000	0.390	0.390	0.500	06/06/2023	09:10
15	CCB2		1	100	100		1.80	0.000	0.000	0.000	0.000	06/06/2023	09:11

WORKLIST(Hardcopy Internal Chain)

6125799

WorkList Name : hex c w-5

WorkList ID : 170558

Department : Wet-Chemistry

Date : 06-05-2023 12:49:55

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O3046-01	COMP-1-1-5	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	D11	06/05/2023	SM3500-Cr B
O3046-07	COMP-2-6-10	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	D11	06/05/2023	SM3500-Cr B
O3046-13	COMP-3-11-15	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	D11	06/05/2023	SM3500-Cr B

Date/Time 06/05/2023 16:45
 Raw Sample Received by: RM CWC
 Raw Sample Relinquished by: 78(007)

Date/Time 06/05/2023 17:30
 Raw Sample Received by: 78(007)
 Raw Sample Relinquished by: RM CWC