



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB125790

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP102769
Calibration Std. hexchrome 0.05 ppm	WP102768
calibration std. hexchrome 0.01 ppm	WP102766
calibration std. hexchrome 0 ppm	WP102765
hexavalent chromium color reagent	WP102709
0.2N SULFURIC ACID	WP100769
Calibration Std Hexachrome 0.025 ppm	WP102767
Hexavalent Chromium ICV-LCS Std	WP102772
Calibration and CCV std HexChrome 0.5PPM	WP102770
Calibration std HexChrome 1.0PPM	WP102771

Intercept: 0

Slope: 0.7804

Regression: 0.999996

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		06/02/2023	18:20
2	CAL2	0.01	1	100	100		1.90	0.000	0.009	0.009	0.011	10	06/02/2023	18:21
3	CAL3	0.025	1	100	100		1.86	0.000	0.018	0.018	0.023	-8	06/02/2023	18:22
4	CAL4	0.05	1	100	100		1.88	0.000	0.039	0.039	0.049	-2	06/02/2023	18:23
5	CAL5	0.1	1	100	100		1.92	0.000	0.078	0.078	0.099	-1	06/02/2023	18:24
6	CAL6	0.5	1	100	100		1.88	0.000	0.391	0.391	0.501	0.2	06/02/2023	18:25
7	CAL7	1	1	100	100		1.88	0.000	0.780	0.780	0.999	-0.1	06/02/2023	18:26



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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	06/02/2023	18:27
2	ICB		1	100	100		1.80	0.000	0.000	0.000	0.000	06/02/2023	18:28
3	CCV1	0.5	1	100	100		1.92	0.000	0.392	0.392	0.502	06/02/2023	18:29
4	CCB1		1	100	100		1.78	0.000	0.000	0.000	0.000	06/02/2023	18:30
5	RL Check	0.01	1	100	100		1.92	0.000	0.009	0.009	0.012	06/02/2023	18:31
6	lb125790BL		1	100	100		1.80	0.000	0.000	0.000	0.000	06/02/2023	18:32
7	lb125790BS	0.5	1	100	100		1.88	0.000	0.391	0.391	0.501	06/02/2023	18:33
8	O3019-01		1	100	100		2.02	0.022	0.022	0.000	0.000	06/02/2023	18:34
9	O3039-09		1	100	100		2.06	0.005	0.005	0.000	0.000	06/02/2023	18:35
10	O3039-09DU		1	100	100		2.06	0.005	0.005	0.000	0.000	06/02/2023	18:36
11	O3039-09MS	1	2	100	100		2.08	0.007	0.378	0.371	0.475	06/02/2023	18:37
12	O3039-09MS	1	2	100	100		2.06	0.007	0.382	0.375	0.481	06/02/2023	18:38
13	CCV2	0.5	1	100	100		1.92	0.000	0.390	0.390	0.500	06/02/2023	18:39
14	CCB2		1	100	100		1.80	0.000	0.000	0.000	0.000	06/02/2023	18:40

WORKLIST(Hardcopy Internal Chain)

6125790

WorkList Name : hex c

WorkList ID : 170543

Department : Wet-Chemistry

Date : 06-02-2023 11:36:14

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O3019-01	MH-289	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	D11	06/02/2023	SM3500-Cr B
O3039-09	MW-34	Water	Hexavalent Chromium	Ammonium sulfate buffer	lou01	D11	06/02/2023	SM3500-Cr B

Date/Time 06/02/2023 18:40
 Raw Sample Received by: RM (we)
 Raw Sample Relinquished by: JH (we)

Date/Time 06/02/2023 18:10
 Raw Sample Received by: JH (we)
 Raw Sample Relinquished by: RM (we)