

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB128218

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP105193
Calibration Std. hexchrome 0.05 ppm	WP105192
calibration std. hexchrome 0.01 ppm	WP105190
calibration std. hexchrome 0 ppm	WP105189
hexavalent chromium color reagent	WP105199
0.2N SULFURIC ACID	WP103581
Calibration Std Hexachrome 0.025 ppm	WP105191
Hexavalent Chromium ICV-LCS Std	WP105196
Calibration and CCV std HexChrome 0.5PPM	WP105194
Calibration std HexChrome 1.0PPM	WP105195

Intercept: 0.0006

Slope: 0.7797

Regression: 0.999998

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		1.77	0.000	0.000	0.000	-0.00		11/07/2023	14:10
2	CAL2	0.01	1	100	100		1.88	0.000	0.009	0.009	0.010	0	11/07/2023	14:11
3	CAL3	0.025	1	100	100		1.86	0.000	0.020	0.020	0.024	-4	11/07/2023	14:12
4	CAL4	0.05	1	100	100		1.85	0.000	0.039	0.039	0.049	-2	11/07/2023	14:13
5	CAL5	0.1	1	100	100		1.88	0.000	0.079	0.079	0.100	0	11/07/2023	14:14
6	CAL6	0.5	1	100	100		1.90	0.000	0.391	0.391	0.500	0	11/07/2023	14:15
7	CAL7	1	1	100	100		1.87	0.000	0.780	0.780	0.999	-0.1	11/07/2023	14:16



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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 HNO3	pH H2SO4	Absorb.at540nm		Absorbance Difference	Intermediate Result (mg/L)	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		1.92	0.000	0.390	0.390	0.499	11/07/2023	14:17
2	ICB		1	100	100		1.75	0.000	0.000	0.000	-0.001	11/07/2023	14:18
3	CCV1	0.5	1	100	100		1.93	0.000	0.392	0.392	0.502	11/07/2023	14:19
4	CCB1		1	100	100		1.76	0.000	0.000	0.000	-0.001	11/07/2023	14:20
5	RL Check	0.01	1	100	100		1.91	0.000	0.009	0.009	0.011	11/07/2023	14:21
6	LB128218BL		1	100	100		1.75	0.000	0.000	0.000	-0.001	11/07/2023	14:22
7	LB128218BS	0.5	1	100	100		1.90	0.000	0.401	0.401	0.514	11/07/2023	14:23
8	O5283-07		1	100	100		2.04	0.005	0.005	0.000	-0.001	11/07/2023	14:24
9	O5283-07DU		1	100	100		2.06	0.005	0.005	0.000	-0.001	11/07/2023	14:25
10	O5283-07MS	1	2	100	100		2.06	0.005	0.385	0.380	0.487	11/07/2023	14:26
11	O5283-07MS	1	2	100	100		2.04	0.005	0.379	0.374	0.479	11/07/2023	14:27
12	CCV2	0.5	1	100	100		1.92	0.000	0.390	0.390	0.499	11/07/2023	14:28
13	CCB2		1	100	100		1.78	0.000	0.000	0.000	-0.001	11/07/2023	14:29

WORKLIST(Hardcopy Internal Chain)

66128210

WorkList Name : HEX W-11-07

WorkList ID : 175353

Department : Wet-Chemistry

Date : 11-07-2023 11:03:13

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O5283-07	14B-(1-4)-COMP	Water	Hexavalent Chromium	Ammonium sulfate buffer	NEWY17	L41	11/07/2023	SM3500-Cr B

Date/Time 11/07/2023 13:00
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 11/07/2023 13:45
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]