



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Iwona

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Sohil

Run Number: LB128965

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP105932
Calibration Std. hexchrome 0.05 ppm	WP105928
calibration std. hexchrome 0.01 ppm	WP105926
calibration std. hexchrome 0 ppm	WP105925
hexavalent chromium color reagent	WP105855
0.2N SULFURIC ACID	WP103581
Calibration Std Hexachrome 0.025 ppm	WP105927
Hexavalent Chromium ICV-LCS Std	WP105930
Calibration and CCV std HexChrome 0.5PPM	WP105931
Calibration std HexChrome 1.0PPM	WP105929

Intercept: 0.0006

Slope: 0.7834

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		2.05	0.000	0.000	0.000	-0.00		12/28/2023	13:40
2	CAL2	0.01	1	100	100		2.11	0.000	0.009	0.009	0.010	0	12/28/2023	13:41
3	CAL3	0.025	1	100	100		1.98	0.000	0.019	0.019	0.023	-8	12/28/2023	13:42
4	CAL4	0.05	1	100	100		1.88	0.000	0.040	0.040	0.050	0	12/28/2023	13:43
5	CAL5	0.1	1	100	100		1.79	0.000	0.080	0.080	0.101	1	12/28/2023	13:44
6	CAL6	0.5	1	100	100		1.82	0.000	0.392	0.392	0.499	-0.2	12/28/2023	13:45
7	CAL7	1	1	100	100		2.06	0.000	0.784	0.784	1	0	12/28/2023	13:46



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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		2.23	0.000	0.385	0.385	0.491	12/28/2023	13:47
2	ICB		1	100	100		2.18	0.000	0.000	0.000	-0.001	12/28/2023	13:48
3	CCV1	0.5	1	100	100		1.69	0.000	0.392	0.392	0.500	12/28/2023	13:49
4	CCB1		1	100	100		1.84	0.000	0.000	0.000	-0.001	12/28/2023	13:50
5	RL Check	0.01	1	100	100		2.06	0.000	0.009	0.009	0.011	12/28/2023	13:51
6	LB128965BL		1	100	100		1.83	0.000	0.000	0.000	-0.001	12/28/2023	13:52
7	LB128965BS	0.5	1	100	100		1.90	0.000	0.391	0.391	0.498	12/28/2023	13:53
8	O6038-07		1	100	100		2.35	0.000	0.000	0.000	-0.001	12/28/2023	13:54
9	O6038-07DU		1	100	100		1.74	0.000	0.000	0.000	-0.001	12/28/2023	13:55
10	O6038-07MS	1	2	100	100		2.08	0.000	0.384	0.384	0.489	12/28/2023	13:56
11	O6038-07MS	1	2	100	100		2.14	0.000	0.383	0.383	0.488	12/28/2023	13:57
12	CCV2	0.5	1	100	100		1.88	0.000	0.393	0.393	0.501	12/28/2023	13:58
13	CCB2		1	100	100		1.94	0.000	0.000	0.000	-0.001	12/28/2023	13:59

WORKLIST(Hardcopy Internal Chain)

LB178165

WorkList Name : HEX-122823

WorkList ID : 176830

Department : Wet-Chemistry

Date : 12-28-2023 11:54:36

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O6038-07	EQ-TANK	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	O31	12/28/2023	SM3500-Cr B

Date/Time 12/28/23 13:10
 Raw Sample Received by: JD we
 Raw Sample Relinquished by: JD we

Date/Time 12/28/23 14:05
 Raw Sample Received by: JD we
 Raw Sample Relinquished by: JD we