



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Iwona

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB119587

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP96244
Calibration Std. hexchrome 0.05 ppm	WP96246
calibration std. hexchrome 0.01 ppm	WP96247
calibration std. hexchrome 0 ppm	WP96249
hexavalent chromium color reagent	WP96250
Calibration Std Hexachrome 0.025 ppm	WP96248
Hexavalent Chromium ICV-LCS Std	WP96251
Calibration and CCV std HexChrome 0.5PPM	WP96243
Calibration std HexChrome 1.0PPM	WP96242

Intercept: -0.0007

Slope: 0.7829

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		2.13	0.000	0.000	0.000	0.000		04/08/2022	10:05
2	CAL2	0.01	1	100	100		2.08	0.000	0.006	0.006	0.008	20	04/08/2022	10:06
3	CAL3	0.025	1	100	100		2.21	0.000	0.018	0.018	0.023	8	04/08/2022	10:07
4	CAL4	0.05	1	100	100		1.98	0.000	0.039	0.039	0.050	0	04/08/2022	10:08
5	CAL5	0.1	1	100	100		1.86	0.000	0.078	0.078	0.100	0	04/08/2022	10:09
6	CAL6	0.5	1	100	100		2.16	0.000	0.391	0.391	0.500	0	04/08/2022	10:10
7	CAL7	1	1	100	100		2.03	0.000	0.782	0.782	0.999	0.1	04/08/2022	10:11



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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		1.85	0.000	0.393	0.393	0.503	04/08/2022	10:12
2	ICB		1	100	100		2.27	0.000	0.001	0.001	0.002	04/08/2022	10:13
3	CCV1	0.5	1	100	100		1.73	0.000	0.395	0.395	0.505	04/08/2022	10:14
4	CCB1		1	100	100		2.02	0.000	0.000	0.000	0.001	04/08/2022	10:15
5	RL Check	0.01	1	100	100		2.10	0.000	0.007	0.007	0.010	04/08/2022	10:16
6	LB119587BL		1	100	100		1.88	0.000	0.001	0.001	0.002	04/08/2022	10:17
7	LB119587BS	0.5	1	100	100		2.46	0.000	0.400	0.400	0.512	04/08/2022	10:18
8	N2294-01		1	100	100		1.69	0.000	0.006	0.006	0.009	04/08/2022	10:19
9	N2294-01DU		1	100	100		1.78	0.000	0.006	0.006	0.009	04/08/2022	10:20
10	N2294-01MS	1	2	100	100		1.71	0.000	0.419	0.419	0.536	04/08/2022	10:21
11	N2294-01MS	1	2	100	100		1.92	0.000	0.418	0.418	0.535	04/08/2022	10:22
12	CCV2	0.5	1	100	100		2.33	0.000	0.394	0.394	0.504	04/08/2022	10:23
13	CCB2		1	100	100		2.07	0.000	0.001	0.001	0.002	04/08/2022	10:24

WORKLIST(Hardcopy Internal Chain)

LB119587

WorkList Name : HEX-040622-W WorkList ID : 158437 Department : Wet-Chemistry Date : 04-06-2022 16:30:38

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
04/19/2022	Water	N2294-01	Hexavalent Chromium	Ammonium sul	PSEG04	O11	402	04/06/2022	SM3500-Cr B

Date/Time 4/8/22 09:20
 Raw Sample Received by: 12600
 Raw Sample Relinquished by: J. J. Lee

Date/Time 4/8/22 10:40
 Raw Sample Received by: J. J. Lee
 Raw Sample Relinquished by: 12600