

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB123826

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP100775
Calibration Std. hexchrome 0.05 ppm	WP100773
calibration std. hexchrome 0.01 ppm	WP100772
calibration std. hexchrome 0 ppm	WP100771
hexavalent chromium color reagent	WP100761
0.2N SULFURIC ACID	WP100769
Calibration Std Hexachrome 0.025 ppm	WP100774
Hexavalent Chromium ICV-LCS Std	WP100778
Calibration and CCV std HexChrome 0.5PPM	WP100776
Calibration std HexChrome 1.0PPM	WP100777

Intercept: -0.0009

Slope: 0.7811

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		1.96	0.000	0.000	0.000	0.001		01/27/2023	09:15
2	CAL2	0.01	1	100	100		1.96	0.000	0.006	0.006	0.008	20	01/27/2023	09:16
3	CAL3	0.025	1	100	100		2.08	0.000	0.018	0.018	0.024	4	01/27/2023	09:17
4	CAL4	0.05	1	100	100		1.85	0.000	0.038	0.038	0.049	2	01/27/2023	09:18
5	CAL5	0.1	1	100	100		2.10	0.000	0.078	0.078	0.101	-1	01/27/2023	09:19
6	CAL6	0.5	1	100	100		2.18	0.000	0.390	0.390	0.500	0	01/27/2023	09:20
7	CAL7	1	1	100	100		1.96	0.000	0.780	0.780	0.999	0.1	01/27/2023	09:21



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Run Number: LB123826

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		1.96	0.000	0.391	0.391	0.502	01/27/2023	09:22
2	ICB		1	100	100		2.08	0.000	0.001	0.001	0.002	01/27/2023	09:23
3	CCV1	0.5	1	100	100		1.88	0.000	0.390	0.390	0.500	01/27/2023	09:24
4	CCB1		1	100	100		2.10	0.000	0.001	0.001	0.002	01/27/2023	09:25
5	RL Check	0.01	1	100	100		2.30	0.000	0.008	0.008	0.011	01/27/2023	09:26
6	lb123826BL		1	100	100		1.96	0.000	0.001	0.001	0.002	01/27/2023	09:27
7	lb123826BS	0.5	1	100	100		1.85	0.000	0.428	0.428	0.549	01/27/2023	09:28
8	O1320-01		1	100	100		2.14	0.000	0.001	0.001	0.002	01/27/2023	09:29
9	O1327-01		1	100	100		1.96	0.000	0.001	0.001	0.002	01/27/2023	09:30
10	O1327-01DU		1	100	100		1.96	0.000	0.001	0.001	0.002	01/27/2023	09:31
11	O1327-01MS	1	2	100	100		2.08	0.000	0.389	0.389	0.499	01/27/2023	09:32
12	O1327-01MS	1	2	100	100		2.06	0.000	0.388	0.388	0.498	01/27/2023	09:33
13	CCV2	0.5	1	100	100		2.32	0.000	0.390	0.390	0.500	01/27/2023	09:34
14	CCB2		1	100	100		2.08	0.000	0.001	0.001	0.002	01/27/2023	09:35

WORKLIST(Hardcopy Internal Chain)

66123826

WorkList Name : HEX W-1-26

WorkList ID : 166895

Department : Wet-Chemistry

Date : 01-26-2023 16:35:27

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
01/31/2023	Water	O1320-01	Hexavalent Chromium	Ammonium sul	PSEG03	D12	TOTE-COMP-0126	01/26/2023	SM3500-Cr B
02/02/2023	Water	O1327-01	Hexavalent Chromium	Ammonium sul	PSEG03	D12	N48965	01/26/2023	SM3500-Cr B

Date/Time 01/27/2023 08:30
 Raw Sample Received by: RM CWC
 Raw Sample Relinquished by: 18(CWC)

Date/Time 01/27/2023 09:10
 Raw Sample Received by: 18(CWC)
 Raw Sample Relinquished by: RM CWC