



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB127526

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP104412
Calibration Std. hexchrome 0.05 ppm	WP104411
calibration std. hexchrome 0.01 ppm	WP104409
calibration std. hexchrome 0 ppm	WP104408
hexavalent chromium color reagent	WP104396
0.2N SULFURIC ACID	WP103581
Calibration Std Hexachrome 0.025 ppm	WP104410
Hexavalent Chromium ICV-LCS Std	WP104415
Calibration and CCV std HexChrome 0.5PPM	WP104413
Calibration std HexChrome 1.0PPM	WP104414

Intercept: -0.0001

Slope: 0.7812

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		1.77	0.000	0.000	0.000	0.000		09/28/2023	17:35
2	CAL2	0.01	1	100	100		1.86	0.000	0.009	0.009	0.011	10	09/28/2023	17:36
3	CAL3	0.025	1	100	100		1.88	0.000	0.018	0.018	0.023	-8	09/28/2023	17:37
4	CAL4	0.05	1	100	100		1.86	0.000	0.039	0.039	0.050	0	09/28/2023	17:38
5	CAL5	0.1	1	100	100		1.87	0.000	0.078	0.078	0.099	-1	09/28/2023	17:39
6	CAL6	0.5	1	100	100		1.92	0.000	0.391	0.391	0.500	0	09/28/2023	17:40
7	CAL7	1	1	100	100		1.88	0.000	0.781	0.781	0.999	-0.1	09/28/2023	17:41



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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		1.91	0.000	0.390	0.390	0.499	09/28/2023	17:42
2	ICB		1	100	100		1.78	0.000	0.000	0.000	0.000	09/28/2023	17:43
3	CCV1	0.5	1	100	100		1.93	0.000	0.390	0.390	0.499	09/28/2023	17:44
4	CCB1		1	100	100		1.79	0.000	0.000	0.000	0.000	09/28/2023	17:45
5	RL Check	0.01	1	100	100		1.91	0.000	0.009	0.009	0.012	09/28/2023	17:46
6	LB127526BL		1	100	100		1.78	0.000	0.000	0.000	0.000	09/28/2023	17:47
7	LB127526BS	0.5	1	100	100		1.91	0.000	0.402	0.402	0.515	09/28/2023	17:48
8	O4667-01		1	100	100		2.04	0.000	0.000	0.000	0.000	09/28/2023	17:49
9	O4667-01DU		1	100	100		2.06	0.000	0.000	0.000	0.000	09/28/2023	17:50
10	O4667-01MS	1	2	100	100		2.06	0.000	0.389	0.389	0.498	09/28/2023	17:51
11	O4667-01MS	1	2	100	100		2.04	0.000	0.391	0.391	0.501	09/28/2023	17:52
12	CCV2	0.5	1	100	100		1.92	0.000	0.391	0.391	0.501	09/28/2023	17:53
13	CCB2		1	100	100		1.80	0.000	0.000	0.000	0.000	09/28/2023	17:54

WORKLIST(Hardcopy Internal Chain)

16127526

WorkList Name : HEX C-W-9-28

WorkList ID : 174067

Department : Wet-Chemistry

Date : 09-28-2023 14:23:29

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O4667-01	FRAC-TANK-A2970	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	E41	09/28/2023	SM3500-Cr B

Date/Time 09/28/2023 15:45
 Raw Sample Received by: RM CMC
 Raw Sample Relinquished by: RM CMC

Date/Time 09/28/2023 16:00
 Raw Sample Received by: RM CMC
 Raw Sample Relinquished by: RM CMC