

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Sohil

Run Number: LB126997

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP103891
Calibration Std. hexchrome 0.05 ppm	WP103890
calibration std. hexchrome 0.01 ppm	WP103888
calibration std. hexchrome 0 ppm	WP103887
hexavalent chromium color reagent	WP103895
0.2N SULFURIC ACID	WP103581
Calibration Std Hexachrome 0.025 ppm	WP103889
Hexavalent Chromium ICV-LCS Std	WP103894
Calibration and CCV std HexChrome 0.5PPM	WP103892
Calibration std HexChrome 1.0PPM	WP103893

Intercept: -0.0001

Slope: 0.7813

Regression: 0.999994

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		08/24/2023	18:30
2	CAL2	0.01	1	100	100		1.90	0.000	0.009	0.009	0.011	10	08/24/2023	18:31
3	CAL3	0.025	1	100	100		1.86	0.000	0.018	0.018	0.023	-8	08/24/2023	18:32
4	CAL4	0.05	1	100	100		1.88	0.000	0.038	0.038	0.048	-4	08/24/2023	18:33
5	CAL5	0.1	1	100	100		1.87	0.000	0.079	0.079	0.101	1	08/24/2023	18:34
6	CAL6	0.5	1	100	100		1.92	0.000	0.391	0.391	0.500	0	08/24/2023	18:35
7	CAL7	1	1	100	100		1.88	0.000	0.781	0.781	0.999	-0.1	08/24/2023	14:36



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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		1.92	0.000	0.390	0.390	0.499	08/24/2023	18:37
2	ICB		1	100	100		1.80	0.000	0.000	0.000	0.000	08/24/2023	18:38
3	CCV1	0.5	1	100	100		1.94	0.000	0.392	0.392	0.502	08/24/2023	18:39
4	CCB1		1	100	100		1.79	0.000	0.000	0.000	0.000	08/24/2023	18:40
5	RL Check	0.01	1	100	100		1.90	0.000	0.009	0.009	0.012	08/24/2023	18:41
6	LB126997BL		1	100	100		1.80	0.000	0.000	0.000	0.000	08/24/2023	18:42
7	LB126997BS	0.5	1	100	100		1.92	0.000	0.398	0.398	0.510	08/24/2023	18:43
8	O4151-01		1	100	100		2.08	0.000	0.001	0.001	0.001	08/24/2023	18:44
9	O4151-01DU		1	100	100		2.06	0.000	0.001	0.001	0.001	08/24/2023	18:45
10	O4151-01MS	1	2	100	100		2.10	0.000	0.354	0.354	0.453	08/24/2023	18:46
11	O4151-01MS	1	2	100	100		2.08	0.000	0.378	0.378	0.484	08/24/2023	18:47
12	O4152-01		1	100	100		2.12	0.004	0.004	0.000	0.000	08/24/2023	18:48
13	CCV2	0.5	1	100	100		1.93	0.000	0.391	0.391	0.501	08/24/2023	18:49
14	CCB2		1	100	100		1.78	0.000	0.000	0.000	0.000	08/24/2023	18:50

WORKLIST(Hardcopy Internal Chain)

66126997

WorkList Name : hex w8-23

WorkList ID : 172986

Department : Wet-Chemistry

Date : 08-24-2023 09:38:54

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O4151-01	EQ-TANK-DNMPL	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	N11	08/24/2023	SM3500-Cr B
O4152-01	COMPOSITE-1	Water	Hexavalent Chromium	Ammonium sulfate buffer	SOUN03		08/23/2023	SM3500-Cr B

Date/Time 08/24/2023 16:50
 Raw Sample Received by: MB (DL)
 Raw Sample Relinquished by: MB (DL)

Date/Time 08/24/2023 17:45
 Raw Sample Received by: MB (DL)
 Raw Sample Relinquished by: MB (DL)