CHEMTECH

Analytical Summary Report

Analysis Method: SM3500-Cr B
ANALYST: Rubina
Parameter: Hexavalent Chromium
SUPERVISOR REVIEW BY: Iwona
Run Number: LB127875
pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP104809
Calibration Std. hexchrome 0.05 ppm	WP104808
calibration std. hexchrome 0.01 ppm	WP104806
calibration std. hexchrome 0 ppm	WP104805
hexavalent chromium color reagent	WP104813
0.2N SULFURIC ACID	WP103581
Calibration Std Hexachrome 0.025 ppm	WP104807
Hexavalent Chromium ICV-LCS Std	WP104812
Calibration and CCV std HexChrome 0.5PPM	WP104810
Calibration std HexChrome 1.0PPM	WP104811

Intercept: 0.0003 **Slope:** 0.7817 **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	-0.00		10/19/2023	08:40
2	CAL2	0.01	1	100	100		1.87	0.000	0.010	0.010	0.012	20	10/19/2023	08:41
3	CAL3	0.025	1	100	100		1.88	0.000	0.019	0.019	0.023	-8	10/19/2023	08:42
4	CAL4	0.05	1	100	100		1.86	0.000	0.038	0.038	0.048	-4	10/19/2023	08:43
5	CAL5	0.1	1	100	100		1.87	0.000	0.079	0.079	0.100	0	10/19/2023	08:44
6	CAL6	0.5	1	100	100		1.91	0.000	0.391	0.391	0.499	-0.2	10/19/2023	08:45
7	CAL7	1	1	100	100		1.86	0.000	0.782	0.782	1	0	10/19/2023	08:46

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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		1.91	0.000	0.390	0.390	0.499	10/19/2023	08:47
2	ICB		1	100	100		1.75	0.000	0.000	0.000	0.000	10/19/2023	08:48
3	CCV1	0.5	1	100	100		1.92	0.000	0.391	0.391	0.500	10/19/2023	08:49
4	CCB1		1	100	100		1.78	0.000	0.000	0.000	0.000	10/19/2023	08:50
5	RL Check	0.01	1	100	100		1.90	0.000	0.010	0.010	0.012	10/19/2023	08:51
6	lb127875BL		1	100	100		1.75	0.000	0.000	0.000	0.000	10/19/2023	08:52
7	lb127875BS	0.5	1	100	100		1.91	0.000	0.401	0.401	0.513	10/19/2023	08:53
8	O4957-01		1	100	100		2.08	0.013	0.013	0.000	0.000	10/19/2023	08:54
9	O4957-02		1	100	100		2.12	0.008	0.008	0.000	0.000	10/19/2023	08:55
10	O4957-03		1	100	100		2.06	0.015	0.015	0.000	0.000	10/19/2023	08:56
11	O4957-03DU		1	100	100		2.08	0.015	0.015	0.000	0.000	10/19/2023	08:57
12	O4957-03MS	1	2	100	100		2.08	0.015	0.392	0.377	0.482	10/19/2023	08:58
13	O4957-03MS	1	2	100	100		2.12	0.015	0.395	0.380	0.486	10/19/2023	08:59
14	O4957-04		1	100	100		2.06	0.000	0.000	0.000	0.000	10/19/2023	09:00
15	CCV2	0.5	1	100	100		1.94	0.000	0.391	0.391	0.500	10/19/2023	09:01
16	CCB2		1	100	100		1.76	0.000	0.000	0.000	0.000	10/19/2023	09:02

WORKLIST(Hardcopy Internal Chain)

L6127875

WorkList Name : HEX W 10-18 **WorkList ID :** 174699 **Department :** Wet-Chemistry **Date :** 10-18-2023 15:47:18

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O4957-01	MH-E	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	D31	10/18/2023	SM3500-Cr B
O4957-02	MH-F	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	D31	10/18/2023	SM3500-Cr B
O4957-03	MH-G	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	D31	10/18/2023	SM3500-Cr B
O4957-04	MH-H	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	D31	10/18/2023	SM3500-Cr B

Date/Time 10/18/2023 16:45
Raw Sample Received by: RM (WC)
Raw Sample Relinquished by: JD/GDC

Date/Time 10/19/2023 09:00
Raw Sample Received by: JD (GDC)
Raw Sample Relinquished by: RM (WC)