



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB127154

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP104009
Calibration Std. hexchrome 0.05 ppm	WP104008
calibration std. hexchrome 0.01 ppm	WP104006
calibration std. hexchrome 0 ppm	WP104005
hexavalent chromium color reagent	WP103967
0.2N SULFURIC ACID	WP103581
Calibration Std Hexachrome 0.025 ppm	WP104007
Hexavalent Chromium ICV-LCS Std	WP104012
Calibration and CCV std HexChrome 0.5PPM	WP104010
Calibration std HexChrome 1.0PPM	WP104011

Intercept: -0.0003

Slope: 0.7815

Regression: 0.999995

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		1.80	0.000	0.000	0.000	0.000		09/06/2023	13:30
2	CAL2	0.01	1	100	100		1.88	0.000	0.009	0.009	0.011	10	09/06/2023	13:31
3	CAL3	0.025	1	100	100		1.87	0.000	0.018	0.018	0.023	-8	09/06/2023	13:32
4	CAL4	0.05	1	100	100		1.86	0.0000	0.038	0.038	0.049	-2	09/06/2023	13:33
5	CAL5	0.1	1	100	100		1.88	0.000	0.078	0.078	0.100	0	09/06/2023	13:34
6	CAL6	0.5	1	100	100		1.91	0.000	0.391	0.391	0.500	0	09/06/2023	13:35
7	CAL7	1	1	100	100		1.88	0.000	0.781	0.781	0.999	-0.1	09/06/2023	13:36



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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 HNO3	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	0.0000	0.390	0.390	0.499	09/06/2023	13:37
2	ICB		1	100	100		1.78	0.000	0.000	0.000	0.000	09/06/2023	13:38
3	CCV1	0.5	1	100	100		1.92	0.000	0.392	0.392	0.502	09/06/2023	13:39
4	CCB1		1	100	100		1.80	0.000	0.000	0.000	0.000	09/06/2023	13:40
5	RL Check	0.01	1	100	100		1.90	0.000	0.009	0.009	0.012	09/06/2023	13:41
6	LB127154BL		1	100	100		1.79	0.000	0.000	0.000	0.000	09/06/2023	13:42
7	LB127154BS	0.5	1	100	100		1.91	0.000	0.398	0.398	0.510	09/06/2023	13:43
8	O4299-10		1	100	100		2.06	0.000	0.000	0.000	0.000	09/06/2023	13:44
9	O4299-10DU		1	100	100		2.08	0.000	0.000	0.000	0.000	09/06/2023	13:45
10	O4299-10MS	1	2	100	100		2.08	0.000	0.255	0.255	0.327	09/06/2023	13:46
11	O4299-10MS	1	2	100	100		2.06	0.000	0.266	0.266	0.341	09/06/2023	13:47
12	CCV2	0.5	1	100	100		1.93	0.000	0.390	0.390	0.499	09/06/2023	13:48
13	CCB2		1	100	100		1.76	0.000	0.000	0.000	0.000	09/06/2023	13:49

WORKLIST(Hardcopy Internal Chain)

66127154

WorkList Name : HEX W-9-

WorkList ID : 173326

Department : Wet-Chemistry

Date : 09-06-2023 12:22:33

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O4299-10	TWP-01	Water	Hexavalent Chromium	Ammonium sulfate buffer	LIRO01	N11	09/05/2023	SM3500-Cr B

Date/Time 09/06/2023 12:30
 Raw Sample Received by: Rm (w)
 Raw Sample Relinquished by: SP (w) C1

Date/Time 09/06/2023 13:00
 Raw Sample Received by: JA (w) C1
 Raw Sample Relinquished by: Rm (w) C1