

Analysis Method: ~~SM3500-Cr B~~

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: ~~LB132576~~

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP109882
Calibration Std. hexchrome 0.05 ppm	WP109881
calibration std. hexchrome 0.01 ppm	WP109879
calibration std. hexchrome 0 ppm	WP109878
hexavalent chromium color reagent	WP109886
0.2N SULFURIC ACID	WP109325
Calibration Std Hexachrome 0.025 ppm	WP109880
Hexavalent Chromium ICV-LCS Std	WP109885
Calibration and CCV std HexChrome 0.5PPM	WP109883
Calibration std HexChrome 1.0PPM	WP109884

Intercept: 0.0003

Slope: 0.7816

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		1.76	0.000	0.000	0.000	-0.00		09/24/2024	16:50
2	CAL2	0.01	1	100	100		1.88	0.000	0.010	0.010	0.012	20	09/24/2024	16:51
3	CAL3	0.025	1	100	100		1.85	0.000	0.019	0.019	0.023	-8	09/24/2024	16:52
4	CAL4	0.05	1	100	100		1.89	0.000	0.039	0.039	0.049	-2	09/24/2024	16:53
5	CAL5	0.1	1	100	100		1.88	0.000	0.078	0.078	0.099	-1	09/24/2024	16:54
6	CAL6	0.5	1	100	100		1.90	0.000	0.391	0.391	0.499	-0.2	09/24/2024	16:55
7	CAL7	1	1	100	100		1.86	0.000	0.782	0.782	1.000	0	09/24/2024	16:56



Analytical Summary Report

Reviewed By:Iwona
On:9/25/2024 9:38:47
AM
Inst Id
:SPECTROPHOTOME

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ANALYST:rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY:Iwona

Run Number: LB132576

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	0.399	0.399	0.510	09/24/2024	16:57
2	ICB		1	100	100		1.78	0.000	0.000	0.000	0.000	09/24/2024	16:58
3	CCV1	0.5	1	100	100		1.96	0.000	0.390	0.390	0.499	09/24/2024	16:59
4	CCB1		1	100	100		1.75	0.000	0.000	0.000	0.000	09/24/2024	17:00
5	RL Check	0.01	1	100	100		1.90	0.000	0.009	0.009	0.011	09/24/2024	17:01
6	LB132576BL		1	100	100		1.79	0.000	0.000	0.000	0.000	09/24/2024	17:02
7	LB132576BS	0.5	1	100	100		1.93	0.000	0.392	0.392	0.501	09/24/2024	17:03
8	P3848-02		1	100	100		2.02	0.000	0.447	0.447	0.572	09/24/2024	17:04
9	P4165-07		1	100	100		2.10	0.000	0.000	0.000	0.000	09/24/2024	17:05
10	P4165-07DU		1	100	100		2.06	0.000	0.000	0.000	0.000	09/24/2024	17:06
11	P4165-07MS	1	2	100	100		2.12	0.000	0.390	0.390	0.499	09/24/2024	17:07
12	P4165-07MS	1	2	100	100		2.06	0.000	0.388	0.388	0.496	09/24/2024	17:08
13	CCV2	0.5	1	100	100		1.92	0.000	0.391	0.391	0.500	09/24/2024	17:09
14	CCB2		1	100	100		1.77	0.000	0.000	0.000	0.000	09/24/2024	17:10

WORKLIST(Hardcopy Internal Chain)

6132576

WorkList Name : HEX 9-24 WorkList ID : 183775 Department : Wet-Chemistry Date : 09-24-2024 13:59:10

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P3848-02	PT-CR6-WP	Water	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Of	09/03/2024	SM3500-Cr B
P4165-07	14B-(1-4)-COMP	Water	Hexavalent Chromium	Ammonium sulfate buffer	NEWY17	J41	09/24/2024	SM3500-Cr B

Date/Time 09/24/2024 15:40
Raw Sample Received by: RM cwc
Raw Sample Relinquished by: Dade

Date/Time 09/24/2024 16:30
Raw Sample Received by: Dade
Raw Sample Relinquished by: Rmcw