

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB133616

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP110862
Calibration Std. hexchrome 0.05 ppm	WP110861
calibration std. hexchrome 0.01 ppm	WP110859
calibration std. hexchrome 0 ppm	WP110858
hexavalent chromium color reagent	WP110866
5N sulfuric acid	WP110380
Calibration Std Hexachrome 0.025 ppm	WP110860
Hexavalent Chromium ICV-LCS Std	WP110865
Calibration and CCV std HexChrome 0.5PPM	WP110863
Calibration std HexChrome 1.0PPM	WP110864

Intercept: 0.0003

Slope: 0.7817

Regression: 0.999993

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		1.78	0.000	0.000	0.000	-0.00		11/25/2024	15:40
2	CAL2	0.01	1	100	100		1.90	0.000	0.007	0.007	0.008	-20	11/25/2024	15:41
3	CAL3	0.025	1	100	100		1.85	0.000	0.019	0.019	0.023	-8	11/25/2024	15:42
4	CAL4	0.05	1	100	100		1.84	0.000	0.040	0.040	0.050	0	11/25/2024	15:43
5	CAL5	0.1	1	100	100		1.89	0.000	0.079	0.079	0.100	0	11/25/2024	15:44
6	CAL6	0.5	1	100	100		1.89	0.000	0.393	0.393	0.502	0.4	11/25/2024	15:45
7	CAL7	1	1	100	100		1.90	0.000	0.781	0.781	0.998	-0.2	11/25/2024	15:46

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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		1.93	0.000	0.390	0.390	0.499	11/25/2024	15:47
2	ICB		1	100	100		1.76	0.000	0.001	0.001	0.001	11/25/2024	15:48
3	CCV1	0.5	1	100	100		1.95	0.000	0.394	0.394	0.504	11/25/2024	15:49
4	CCB1		1	100	100		1.79	0.000	0.000	0.000	0.000	11/25/2024	15:50
5	RL Check	0.01	1	100	100		1.91	0.000	0.008	0.008	0.010	11/25/2024	15:51
6	LB133616BL		1	100	100		1.81	0.000	0.001	0.001	0.001	11/25/2024	15:52
7	LB133616BS	0.5	1	100	100		1.93	0.000	0.394	0.394	0.504	11/25/2024	15:53
8	P4995-02		1	100	100		2.06	0.000	0.001	0.001	0.001	11/25/2024	15:54
9	P4995-02DU		1	100	100		2.06	0.000	0.001	0.001	0.001	11/25/2024	15:55
10	P4995-02MS	1	2	100	100		2.08	0.000	0.385	0.385	0.492	11/25/2024	15:56
11	P4995-02MS	1	2	100	100		2.06	0.000	0.383	0.383	0.490	11/25/2024	15:57
12	CCV2	0.5	1	100	100		1.93	0.000	0.391	0.391	0.500	11/25/2024	15:58
13	CCB2		1	100	100		1.77	0.000	0.000	0.000	0.000	11/25/2024	15:59

WORKLIST(Hardcopy Internal Chain)

15133616

WorkList Name : hex-w-11-25

WorkList ID : 185769

Department : Wet-Chemistry

Date : 11-25-2024 11:39:40

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4995-02	001	Water	Hexavalent Chromium	Ammonium sulfate buffer	ENTA05	L61	11/25/2024	7196A

Date/Time 11/25/2024 13:20
 Raw Sample Received by: RLY
 Raw Sample Relinquished by: [Signature]

Date/Time 11/25/2024 14:06
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: RLY