

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB132393

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP109664
Calibration Std. hexchrome 0.05 ppm	WP109663
calibration std. hexchrome 0.01 ppm	WP109661
calibration std. hexchrome 0 ppm	WP109660
hexavalent chromium color reagent	WP109629
5N sulfuric acid	WP107791
Calibration Std Hexachrome 0.025 ppm	WP109662
Hexavalent Chromium ICV-LCS Std	WP109668
Calibration and CCV std HexChrome 0.5PPM	WP109665
Calibration std HexChrome 1.0PPM	WP109667

Intercept: 0.0003

Slope: 0.7825

Regression: 0.99999

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		09/11/2024	16:30
2	CAL2	0.01	1	100	100		1.88	0.000	0.007	0.007	0.008	-20	09/11/2024	16:31
3	CAL3	0.025	1	100	100		1.86	0.000	0.019	0.019	0.023	-8	09/11/2024	16:32
4	CAL4	0.05	1	100	100		1.86	0.000	0.039	0.039	0.049	-2	09/11/2024	16:33
5	CAL5	0.1	1	100	100		1.90	0.000	0.081	0.081	0.103	3	09/11/2024	16:34
6	CAL6	0.5	1	100	100		1.89	0.000	0.393	0.393	0.501	0.2	09/11/2024	16:35
7	CAL7	1	1	100	100		1.85	0.000	0.782	0.782	0.998	-0.2	09/11/2024	16:36



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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		1.93	0.000	0.390	0.390	0.498	09/11/2024	16:37
2	ICB		1	100	100		1.77	0.000	0.001	0.001	0.001	09/11/2024	16:38
3	CCV1	0.5	1	100	100		1.95	0.000	0.394	0.394	0.503	09/11/2024	16:39
4	CCB1		1	100	100		1.79	0.000	0.000	0.000	0.000	09/11/2024	16:40
5	RL Check	0.01	1	100	100		1.90	0.000	0.008	0.008	0.010	09/11/2024	16:41
6	1b132393BL		1	100	100		1.74	0.000	0.001	0.001	0.001	09/11/2024	16:42
7	1b132393BS	0.5	1	100	100		1.93	0.000	0.402	0.402	0.513	09/11/2024	16:43
8	P3940-01		1	100	100		2.06	0.000	0.000	0.000	0.000	09/11/2024	16:44
9	CCV2	0.5	1	100	100		1.92	0.000	0.391	0.391	0.499	09/11/2024	16:45
10	CCB2		1	100	100		1.80	0.000	0.000	0.000	0.000	09/11/2024	16:46

WORKLIST(Hardcopy Internal Chain)

6132393

WorkList Name : HEX-9-11

WorkList ID : 183386

Department : Wet-Chemistry

Date : 09-11-2024 13:10:25

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P3940-01	AST-2024-4036-PRIM	Water	Hexavalent Chromium	Ammonium sulfate buffer	WIND03	H53	08/29/2024	7196A

Date/Time 09/11/2024 15:30
Raw Sample Received by: RM
Raw Sample Relinquished by: [Signature]

Date/Time 09/11/2024 16:20
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: [Signature]