

Analytical Summary Report

Analysis Method: HACH 8146

ANALYST: rubina

Parameter: Ferrous Iron

SUPERVISOR REVIEW BY: Iwona

Run Number: LB138089

Reagent/Standard	Lot/Log #
Ferrous Iron cal std, 1.0ppm	WP115888
Ferrous Iron cal std, 0.4ppm	WP115886
Ferrous Iron cal std, 0.2ppm	WP115885
Ferrous Iron cal std, 0.1ppm	WP115884
Ferrous Iron cal std, 0ppm	WP115883
Ferrous Iron LOD, 0.025ppm	WP115891
Ferrous Iron LOQ- 0.1PPM	WP115889
Ferrous Iron ICV-LCS Std, 0.5ppm	WP115890
Ferrous Iron Cal-CCV Std, 0.5ppm	WP115887
Ferrous Iron Reagent Powder Pillows	W2911

Intercept: -0.0013

Slope: 0.4168

Regression: 0.999680

Seq	Lab ID	True Val (mg/l)	Dilution	Initial Reading	Final Reading	Difference	Result (mg/L)	% D	AnalDate	Anal Time
1	CAL1	0	1	0.000	0.000	0.000	0.00		12/03/2025	10:00
2	CAL2	0.1	1	0.000	0.038	0.038	0.09	-6	12/03/2025	10:03
3	CAL3	0.2	1	0.000	0.086	0.086	0.21	4.5	12/03/2025	10:06
4	CAL4	0.4	1	0.000	0.159	0.159	0.39	-3.8	12/03/2025	10:10
5	CAL5	0.5	1	0.000	0.210	0.210	0.51	1.4	12/03/2025	10:14
6	CAL6	1	1	0.000	0.416	0.416	1.00	0.1	12/03/2025	10:17

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Seq	Lab ID	Initial Weight	Final Vol	True Value (mg/L)	DF	Initial Reading	Final Reading	Diff.	Result (mg/L)	Anal Date	Anal Time
1	ICV			0.5	1	0.000	0.204	0.204	0.497	12/03/2025	10:20
2	ICB				1	0.000	0.001	0.001	0.007	12/03/2025	10:23
3	CCV1			0.5	1	0.000	0.201	0.201	0.490	12/03/2025	10:26
4	CCB1				1	0.000	0.001	0.001	0.007	12/03/2025	10:30
5	LB138089BL	50	50		1	0.000	0.001	0.001	0.007	12/03/2025	10:34
6	LB138089BS	50	50	0.5	1	0.000	0.201	0.201	0.490	12/03/2025	10:38
7	Q3530-07	50	50		1	0.000	0.018	0.018	0.048	12/03/2025	10:41
8	Q3530-08	50	50		1	0.000	0.044	0.044	0.109	12/03/2025	10:44
9	CCV2			0.5	1	0.000	0.203	0.203	0.494	12/03/2025	10:47
10	CCB2				1	0.000	0.001	0.001	0.007	12/03/2025	10:50