Analytical Summary Report

Analysis Method: HACH 8146
ANALYST: rubina
Parameter: Ferrous Iron
SUPERVISOR REVIEW BY: Iwona
Run Number: LB137042

Reagent/Standard	Lot/Log #
Ferrous Iron cal std, 1.0ppm	WP114504
Ferrous Iron cal std, 0.4ppm	WP114502
Ferrous Iron cal std, 0.2ppm	WP114501
Ferrous Iron cal std, 0.1ppm	WP114500
Ferrous Iron cal std, 0ppm	WP114499
Ferrous Iron LOD, 0.025ppm	WP114506
Ferrous Iron LOQ- 0.1PPM	WP114507
Ferrous Iron ICV-LCS Std, 0.5ppm	WP114505
Ferrous Iron Cal-CCV Std, 0.5ppm	WP114503
Ferrous Iron Reagent Powder Pillows	W2912

Intercept: -0.0024 **Slope:** 0.4119 **Regression:** 0.999194

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	0.01		09/02/2025	15:00
2	CAL2	0.1	1	0.000	0.036	0.036	0.09	-7	09/02/2025	15:03
3	CAL3	0.2	1	0.000	0.084	0.084	0.21	5	09/02/2025	15:06
4	CAL4	0.4	1	0.000	0.152	0.152	0.38	-6.3	09/02/2025	15:09
5	CAL5	0.5	1	0.000	0.210	0.210	0.52	3.2	09/02/2025	15:12
6	CAL6	1	1	0.000	0.410	0.410	1.00	0.1	09/02/2025	15:15

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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	0.214	0.214	0.525	09/02/2025	15:18
2	ICB				1	0.000	0.001	0.001	0.008	09/02/2025	15:21
3	CCV1			0.5	1	0.000	0.216	0.216	0.530	09/02/2025	15:24
4	CCB1				1	0.000	0.001	0.001	0.008	09/02/2025	15:27
5	LB137042BL	50	50		1	0.000	0.000	0.000	0.006	09/02/2025	15:30
6	LB137042BS	50	50	0.5	1	0.000	0.208	0.208	0.511	09/02/2025	15:33
7	Q2893-07	50	50		1	0.000	0.015	0.015	0.042	09/02/2025	15:36
8	Q2893-08	50	50		1	0.000	0.036	0.036	0.093	09/02/2025	15:39
9	CCV2			0.5	1	0.000	0.216	0.216	0.530	09/02/2025	15:42
10	CCB2				1	0.000	0.000	0.000	0.006	09/02/2025	15:45