

Analytical Summary Report

Analysis Method: HACH 8146

ANALYST: rubina

Parameter: Ferrous Iron

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137070

Reagent/Standard	Lot/Log #
Ferrous Iron cal std, 1.0ppm	WP114580
Ferrous Iron cal std, 0.4ppm	WP114577
Ferrous Iron cal std, 0.2ppm	WP114576
Ferrous Iron cal std, 0.1ppm	WP114575
Ferrous Iron cal std, 0ppm	WP114574
Ferrous Iron LOD, 0.025ppm	WP114581
Ferrous Iron ICV-LCS Std, 0.5ppm	WP114579
Ferrous Iron Cal-CCV Std, 0.5ppm	WP114578
Ferrous Iron Reagent Powder Pillows	W2912

Intercept: 0.0022

Slope: 0.4013

Regression: 0.998964

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		09/04/2025	14:15
2	CAL2	0.1	1	0.000	0.039	0.039	0.09	-8	09/04/2025	14:18
3	CAL3	0.2	1	0.000	0.087	0.087	0.21	5.5	09/04/2025	14:21
4	CAL4	0.4	1	0.000	0.156	0.156	0.38	-4.3	09/04/2025	14:24
5	CAL5	0.5	1	0.000	0.214	0.214	0.53	5.6	09/04/2025	14:27
6	CAL6	1	1	0.000	0.400	0.400	0.99	-0.9	09/04/2025	14:30

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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	0.208	0.208	0.513	09/04/2025	14:33
2	ICB				1	0.000	0.001	0.001	0.003	09/04/2025	14:36
3	CCV1			0.5	1	0.000	0.212	0.212	0.523	09/04/2025	14:39
4	CCB1				1	0.000	0.002	0.002	0.001	09/04/2025	14:42
5	LB137070BL	50	50		1	0.000	0.001	0.001	0.003	09/04/2025	14:45
6	LB137070BS	50	50	0.5	1	0.000	0.210	0.210	0.518	09/04/2025	14:48
7	Q2893-09	50	50		1	0.000	0.014	0.014	0.029	09/04/2025	14:51
8	CCV2			0.5	1	0.000	0.208	0.208	0.513	09/04/2025	14:54
9	CCB2				1	0.000	0.002	0.002	0.001	09/04/2025	14:57