



Analytical Summary Report

Analysis Method: HACH 8146

ANALYST: Rubina

Parameter: Ferrous Iron

SUPERVISOR REVIEW BY: Iwona

Run Number: LB129205

Reagent/Standard	Lot/Log #
Ferrous Iron cal std, 1.0ppm	WP106176
Ferrous Iron cal std, 0.4ppm	WP106177
Ferrous Iron cal std, 0.2ppm	WP106178
Ferrous Iron cal std, 0.1ppm	WP106179
Ferrous Iron cal std, 0ppm	WP106174
Ferrous Iron LOD, 0.025ppm	WP106181
Ferrous Iron LOQ- 0.1PPM	WP106182
Ferrous Iron ICV-LCS Std, 0.5ppm	WP106175
Ferrous Iron Cal-CCV Std, 0.5ppm	WP106180
Ferrous Iron Reagent Powder Pillows	W2911

Intercept: 0.0015

Slope: 0.4040

Regression: 0.998112

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		01/22/2024	09:00
2	CAL2	0.1	1	0.000	0.036	0.036	0.09	-15	01/22/2024	09:00
3	CAL3	0.2	1	0.000	0.086	0.086	0.21	4.5	01/22/2024	09:01
4	CAL4	0.4	1	0.000	0.156	0.156	0.38	-4.5	01/22/2024	09:01
5	CAL5	0.5	1	0.000	0.220	0.220	0.54	8.2	01/22/2024	09:02
6	CAL6	1	1	0.000	0.400	0.400	0.99	-1.4	01/22/2024	09:02



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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	0.213	0.213	0.524	01/22/2024	09:03
2	ICB				1	0.000	0.001	0.001	0.049	01/22/2024	09:03
3	CCV1			0.5	1	0.000	0.215	0.215	0.528	01/22/2024	09:04
4	CCB1				1	0.000	0.001	0.001	0.049	01/22/2024	09:04
5	LB129205BL	50	50		1	0.000	0.002	0.002	0.001	01/22/2024	09:05
6	LB129205BS	50	50	0.5	1	0.000	0.218	0.218	0.536	01/22/2024	09:05
7	P1187-07	50	50		1	0.000	0.014	0.014	0.031	01/22/2024	09:06
8	P1187-08	50	50		1	0.000	0.040	0.040	0.095	01/22/2024	09:06
9	CCV2			0.5	1	0.000	0.216	0.216	0.531	01/22/2024	09:07
10	CCB2				1	0.000	0.001	0.001	0.001	01/22/2024	09:07