

Analytical Summary Report

Analysis Method: HACH 8146

ANALYST: rubina

Parameter: Ferrous Iron

SUPERVISOR REVIEW BY: Iwona

Run Number: LB132866

Reagent/Standard	Lot/Log #
Ferrous Iron cal std, 1.0ppm	WP110135
Ferrous Iron cal std, 0.4ppm	WP110134
Ferrous Iron cal std, 0.2ppm	WP110133
Ferrous Iron cal std, 0.1ppm	WP110132
Ferrous Iron cal std, 0ppm	WP110131
Ferrous Iron LOD, 0.025ppm	WP110138
Ferrous Iron LOQ- 0.1PPM	WP110139
Ferrous Iron ICV-LCS Std, 0.5ppm	WP110137
Ferrous Iron Cal-CCV Std, 0.5ppm	WP110136
Ferrous Iron Reagent Powder Pillows	W2911

Intercept: 0.0017

Slope: 0.4044

Regression: 0.997795

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		10/10/2024	10:30
2	CAL2	0.1	1	0.000	0.036	0.036	0.09	-15	10/10/2024	10:33
3	CAL3	0.2	1	0.000	0.086	0.086	0.21	4	10/10/2024	10:36
4	CAL4	0.4	1	0.000	0.156	0.156	0.38	-4.5	10/10/2024	10:39
5	CAL5	0.5	1	0.000	0.222	0.222	0.55	9	10/10/2024	10:42
6	CAL6	1	1	0.000	0.400	0.400	0.99	-1.5	10/10/2024	10:45

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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	0.526	10/10/2024	10:48
2	ICB				1	0.000	0.001	0.001	0.001	10/10/2024	10:51
3	CCV1			0.5	1	0.000	0.214	0.214	0.526	10/10/2024	10:54
4	CCB1				1	0.000	0.002	0.002	0.001	10/10/2024	10:57
5	LB132866BL	50	50		1	0.000	0.001	0.001	0.001	10/10/2024	11:00
6	LB132866BS	50	50	0.5	1	0.000	0.218	0.218	0.536	10/10/2024	11:03
7	P4368-07	50	50		1	0.000	0.018	0.018	0.040	10/10/2024	11:06
8	P4368-08	50	50		1	0.000	0.040	0.040	0.095	10/10/2024	11:09
9	CCV2			0.5	1	0.000	0.218	0.218	0.535	10/10/2024	11:12
10	CCB2				1	0.000	0.001	0.001	0.001	10/10/2024	11:15