

Analytical Summary Report

Analysis Method: HACH 8146

ANALYST: Rubina

Parameter: Ferrous Iron

SUPERVISOR REVIEW BY: Iwona

Run Number: LB131777

Reagent/Standard	Lot/Log #
Ferrous Iron cal std, 1.0ppm	WP108875
Ferrous Iron cal std, 0.4ppm	WP108873
Ferrous Iron cal std, 0.2ppm	WP108872
Ferrous Iron cal std, 0.1ppm	WP108871
Ferrous Iron cal std, 0ppm	WP108870
Ferrous Iron LOD, 0.025ppm	WP108878
Ferrous Iron LOQ- 0.1PPM	WP108877
Ferrous Iron ICV-LCS Std, 0.5ppm	WP108876
Ferrous Iron Cal-CCV Std, 0.5ppm	WP108874
Ferrous Iron Reagent Powder Pillows	W2911

Intercept: 0.0010

Slope: 0.4050

Regression: 0.998973

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		07/29/2024	12:00
2	CAL2	0.1	1	0.000	0.036	0.036	0.09	-7	07/29/2024	12:03
3	CAL3	0.2	1	0.000	0.086	0.086	0.21	5	07/29/2024	12:06
4	CAL4	0.4	1	0.000	0.158	0.158	0.38	-5.5	07/29/2024	12:09
5	CAL5	0.5	1	0.000	0.215	0.215	0.53	5.8	07/29/2024	12:12
6	CAL6	1	1	0.000	0.402	0.402	0.99	-0.7	07/29/2024	12:15

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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	0.202	0.202	0.496	07/29/2024	12:18
2	ICB				1	0.000	0.002	0.002	0.004	07/29/2024	12:21
3	CCV1			0.5	1	0.000	0.206	0.206	0.508	07/29/2024	12:24
4	CCB1				1	0.000	0.000	0.000	0.002	07/29/2024	12:27
5	LB131777BL	50	50		1	0.000	0.002	0.002	0.004	07/29/2024	12:30
6	LB131777BS	50	50	0.5	1	0.000	0.206	0.206	0.508	07/29/2024	12:33
7	P3390-07	50	50		1	0.000	0.017	0.017	0.040	07/29/2024	12:36
8	P3390-08	50	50		1	0.000	0.038	0.038	0.093	07/29/2024	12:39
9	CCV2			0.5	1	0.000	0.212	0.212	0.523	07/29/2024	12:42
10	CCB2				1	0.000	0.001	0.001	0.001	07/29/2024	12:45