



Analytical Summary Report

Analysis Method: HACH 8146

ANALYST: Alexander

Parameter: Ferrous Iron

SUPERVISOR REVIEW BY: apatel

Run Number: LB114435

Reagent/Standard	Lot/Log #
ferrous iron stock standard (100 ppm)	WP91043
Ferrous Iron stock std-ss, 100ppm	WP91044
Ferrous Iron cal std, 1.0ppm	WP91050
Ferrous Iron cal std, 0.4ppm	WP91048
Ferrous Iron cal std, 0.2ppm	WP91047
Ferrous Iron cal std, 0.1ppm	WP91046
Ferrous Iron cal std, 0ppm	WP91045
Ferrous Iron LOD, 0.025ppm	WP91052
Ferrous Iron LOQ- 0.1PPM	WP91053
Ferrous Iron ICV-LCS Std, 0.5ppm	WP91051
Ferrous Iron Cal-CCV Std, 0.5ppm	WP91049
Ferrous Iron Reagent Powder Pillows	W2250

Intercept: 0.0014

Slope: 0.4208

Regression: 0.999720

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	0.002	0.002	0.00		05/13/2021	11:15
2	CAL2	0.1	1	0.000	0.044	0.044	0.10	-1	05/13/2021	11:19
3	CAL3	0.2	1	0.000	0.090	0.090	0.21	-5.5	05/13/2021	11:23
4	CAL4	0.4	1	0.000	0.165	0.165	0.39	2.8	05/13/2021	11:26
5	CAL5	0.5	1	0.000	0.208	0.208	0.49	1.8	05/13/2021	11:30
6	CAL6	1	1	0.000	0.425	0.425	1.01	-0.7	05/13/2021	11:34



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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	0.198	0.198	0.467	05/13/2021	11:38
2	ICB				1	0.000	0.003	0.003	0.004	05/13/2021	11:41
3	CCV1			0.5	1	0.000	0.210	0.210	0.496	05/13/2021	11:45
4	CCB1				1	0.000	0.003	0.003	0.004	05/13/2021	11:49
5	LB114435BL	50	50		1	0.000	0.004	0.004	0.006	05/13/2021	11:53
6	LB114435BS	50	50	0.5	1	0.000	0.202	0.202	0.477	05/13/2021	11:57
7	M2262-07	50	50		1	0.000	0.014	0.014	0.030	05/13/2021	12:02
8	M2262-08	50	50		1	0.000	0.047	0.047	0.108	05/13/2021	12:05
9	CCV2			0.5	1	0.000	0.209	0.209	0.493	05/13/2021	12:09
10	CCB2				1	0.000	0.003	0.003	0.004	05/13/2021	12:12