



Analytical Summary Report

Analysis Method: HACH 8146

ANALYST: Alexander

Parameter: Ferrous Iron

SUPERVISOR REVIEW BY: apatel

Run Number: LB109970

Reagent/Standard	Lot/Log #
Ferrous Iron cal std, 1.0ppm	WP85409
Ferrous Iron cal std, 0.4ppm	WP85407
Ferrous Iron cal std, 0.2ppm	WP85406
Ferrous Iron cal std, 0.1ppm	WP85405
Ferrous Iron cal std, 0ppm	WP85404
Ferrous Iron LOD, 0.025ppm	WP85411
Ferrous Iron LOQ- 0.1PPM	WP85412
Ferrous Iron ICV-LCS Std, 0.5ppm	WP85410
Ferrous Iron Cal-CCV Std, 0.5ppm	WP85408
Ferrous Iron Reagent Powder Pillows	W2250

Intercept: 0.0006

Slope: 0.4357

Regression: 0.999831

Seq	Lab ID	True Val (mg/l)	Dilution	Initial Reading	Final Reading	Difference	AnalDate	Anal Time
1	CAL1	0	1	0.000	0.000	0.000	07/13/2020	10:10
2	CAL2	0.1	1	0.000	0.044	0.044	07/13/2020	10:13
3	CAL3	0.2	1	0.000	0.090	0.090	07/13/2020	10:16
4	CAL4	0.4	1	0.000	0.170	0.170	07/13/2020	10:19
5	CAL5	0.5	1	0.000	0.222	0.222	07/13/2020	10:22
6	CAL6	1	1	0.000	0.436	0.436	07/13/2020	10:25



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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	0.212	0.212	0.485	07/13/2020	10:29
2	ICB				1	0.000	0.000	0.000	0.001	07/13/2020	10:32
3	CCV1			0.5	1	0.000	0.220	0.220	0.504	07/13/2020	10:35
4	CCB1				1	0.000	0.000	0.000	0.001	07/13/2020	10:38
5	LB109970BL	50	50		1	0.000	0.000	0.000	0.001	07/13/2020	10:42
6	LB109970BS	50	50	0.5	1	0.000	0.219	0.219	0.501	07/13/2020	10:45
7	L3216-07	50	50		1	0.000	0.014	0.014	0.031	07/13/2020	10:48
8	L3216-08	50	50		1	0.000	0.048	0.048	0.109	07/13/2020	10:51
9	CCV2			0.5	1	0.000	0.224	0.224	0.513	07/13/2020	10:55
10	CCB2				1	0.000	0.000	0.000	0.001	07/13/2020	10:58