



Analytical Summary Report

Analysis Method: HACH 8146

ANALYST: Alexander

Parameter: Ferrous Iron

SUPERVISOR REVIEW BY: apatel

Run Number: LB111445

Reagent/Standard	Lot/Log #
Ferrous Iron cal std, 1.0ppm	WP87412
Ferrous Iron cal std, 0.4ppm	WP87410
Ferrous Iron cal std, 0.2ppm	WP87409
Ferrous Iron cal std, 0.1ppm	WP87408
Ferrous Iron cal std, 0ppm	WP87407
Ferrous Iron LOD, 0.025ppm	WP87414
Ferrous Iron LOQ- 0.1PPM	WP87415
Ferrous Iron ICV-LCS Std, 0.5ppm	WP87413
Ferrous Iron Cal-CCV Std, 0.5ppm	WP87411
Ferrous Iron Reagent Powder Pillows	W2250

Intercept: -0.0025

Slope: 0.4596

Regression: 0.999807

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	10/12/2020	13:10
2	CAL2	0.1	1	0.000	0.043	0.043	10/12/2020	13:12
3	CAL3	0.2	1	0.000	0.091	0.091	10/12/2020	13:14
4	CAL4	0.4	1	0.000	0.175	0.175	10/12/2020	13:16
5	CAL5	0.5	1	0.000	0.228	0.228	10/12/2020	13:19
6	CAL6	1	1	0.000	0.459	0.459	10/12/2020	13:21



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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	0.237	0.237	0.521	10/12/2020	13:14
2	ICB				1	0.000	0.000	0.000	0.005	10/12/2020	13:26
3	CCV1			0.5	1	0.000	0.222	0.222	0.488	10/12/2020	13:28
4	CCB1				1	0.000	0.000	0.000	0.005	10/12/2020	13:31
5	LB111445BL	50	50		1	0.000	0.000	0.000	0.005	10/12/2020	13:33
6	LB111445BS	50	50	0.5	1	0.000	0.239	0.239	0.525	10/12/2020	13:35
7	L4214-07	50	50		1	0.000	0.012	0.012	0.032	10/12/2020	13:38
8	L4214-08	50	50		1	0.000	0.049	0.049	0.112	10/12/2020	13:40
9	CCV2			0.5	1	0.000	0.220	0.220	0.484	10/12/2020	13:42
10	CCB2				1	0.000	0.000	0.000	0.005	10/12/2020	13:45