



Analytical Summary Report

Analysis Method: HACH 8146

ANALYST: AMANDEEP

Parameter: Ferrous Iron

SUPERVISOR REVIEW BY: apatel

Run Number: LB98785

Reagent/Standard	Lot/Log #
Ferrous Iron LCS Std, 0.5PPM	WP68930
Ferrous Iron cal std, 0.4ppm	WP68925
Ferrous Iron cal std, 1.0ppm	WP68927
Ferrous Iron cal std, 0.2ppm	WP68924
Ferrous Iron cal std, 0.1ppm	WP68923
Ferrous Iron cal std, 0.5ppm	WP68926
Ferrous Iron cal std, 0ppm	WP68922
Ferrous Iron ICV std, 0.5ppm	WP68929
Ferrous Iron LOD, 0.025ppm	WP68931
Ferrous Iron ccv std, 0.5ppm	WP68928
FE LOQ STD, 0.2PPM	WP68932
Ferrous Iron Reagent Powder Pillows	W2250

Intercept: 0.0021

Slope: 0.4228

Regression: 0.999514

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	10/20/2018	08:10
2	CAL2	0.1	1	0.000	0.043	0.043	10/20/2018	08:10
3	CAL3	0.2	1	0.000	0.086	0.086	10/20/2018	08:11
4	CAL4	0.4	1	0.000	0.170	0.170	10/20/2018	08:12
5	CAL5	0.5	1	0.000	0.223	0.223	10/20/2018	08:13
6	CAL6	1	1	0.000	0.421	0.421	10/20/2018	08:14



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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	0.219	0.219	0.513	10/20/2018	08:15
2	ICB				1	0.000	0.000	0.000	-0.005	10/20/2018	08:16
3	CCV1			0.5	1	0.000	0.219	0.219	0.512	10/20/2018	08:17
4	CCB1				1	0.000	0.000	0.000	-0.005	10/20/2018	08:18
5	LB98785BL	50	50		1	0.000	0.000	0.000	-0.005	10/20/2018	08:19
6	LB98785BS	50	50	0.5	1	0.000	0.216	0.216	0.505	10/20/2018	08:20
7	J5164-07	50	50		1	0.000	0.018	0.018	0.038	10/20/2018	08:21
8	J5164-08	50	50		1	0.000	0.097	0.097	0.224	10/20/2018	08:22
9	J5164-09	50	50		1	0.000	0.020	0.020	0.042	10/20/2018	08:23
10	J5603-01	50	50		1	0.200	0.240	0.040	0.090	10/20/2018	08:24
11	J5603-02	50	50		1	0.177	0.185	0.008	0.013	10/20/2018	08:25
12	J5603-03	50	50		1	0.069	0.074	0.005	0.006	10/20/2018	08:26
13	J5603-04	50	50		1	0.136	1.196	1.060	2.501	10/20/2018	08:27
14	J5603-05	50	50		1	0.019	0.027	0.008	0.013	10/20/2018	08:28
15	CCV2			0.5	1	0.000	0.225	0.225	0.527	10/20/2018	08:29
16	CCB2				1	0.000	0.000	0.000	-0.005	10/20/2018	08:30
17	J5603-07	50	50		1	0.021	0.030	0.009	0.016	10/20/2018	08:31
18	J5603-08	50	50		1	0.023	0.032	0.009	0.016	10/20/2018	08:32
19	J5603-10	50	50		1	0.032	0.045	0.013	0.025	10/20/2018	08:33
20	J5603-11	50	50		1	0.005	0.014	0.009	0.016	10/20/2018	08:34
21	J5603-12	50	50		1	0.111	0.122	0.011	0.021	10/20/2018	08:36
22	J5603-13	50	50		1	0.085	0.100	0.015	0.030	10/20/2018	08:37
23	J5603-14	50	50		1	0.008	0.011	0.003	0.002	10/20/2018	08:38
24	J5603-15	50	50		1	0.018	0.023	0.005	0.006	10/20/2018	08:39
25	J5603-16	50	50		1	0.286	0.301	0.015	0.030	10/20/2018	08:40
26	J5603-16DUP	50	50		1	0.282	0.300	0.018	0.037	10/20/2018	08:41
27	CCV3			0.5	1	0.000	0.226	0.226	0.530	10/20/2018	08:42
28	CCB3				1	0.000	0.000	0.000	-0.005	10/20/2018	08:43
29	J5603-16MS	50	50	0.5	1	0.287	0.516	0.229	0.536	10/20/2018	08:44
30	J5603-16MSD	50	50	0.5	1	0.285	0.520	0.235	0.550	10/20/2018	08:45
31	CCV4			0.5	1	0.000	0.226	0.226	0.529	10/20/2018	08:46
32	CCB4				1	0.000	0.000	0.000	-0.005	10/20/2018	08:47
33	J5603-04				10	0.061	0.303	0.242	0.567	10/20/2018	08:55
34	CCV5			0.5	1	0.000	0.228	0.228	0.534	10/20/2018	08:56
35	CCB5				1	0.000	0.000	0.000	-0.005	10/20/2018	08:58

WORKLIST(Hardcopy Internal Chain)

6898785

WorkList Name : FE102018

WorkList ID : 118281

Date : 10/20/2018 7:22:50 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
10/18/2018	Water	J5603-01	Ferrous Iron	Cool 4 deg C	FOST03	E21	RAV-GTMW7	10/16/2018	HACH 8146
10/18/2018	Water	J5603-02	Ferrous Iron	Cool 4 deg C	FOST03	E21	RAV-GTMW8	10/16/2018	HACH 8146
10/18/2018	Water	J5603-03	Ferrous Iron	Cool 4 deg C	FOST03	E21	RAV-GTMW9	10/16/2018	HACH 8146
10/18/2018	Water	J5603-04	Ferrous Iron	Cool 4 deg C	FOST03	E21	RAV-GTMW10	10/16/2018	HACH 8146
10/19/2018	Water	J5603-05	Ferrous Iron	Cool 4 deg C	FOST03	E21	RAV-GT102	10/17/2018	HACH 8146
10/19/2018	Water	J5603-07	Ferrous Iron	Cool 4 deg C	FOST03	E21	RAV-GT105	10/17/2018	HACH 8146
10/20/2018	Water	J5603-15	Ferrous Iron	Cool 4 deg C	FOST03	E21	RAV-GT111	10/18/2018	HACH 8146
10/20/2018	Water	J5603-16	Ferrous Iron	Cool 4 deg C	FOST03	E21	RAV-GT113	10/18/2018	HACH 8146
10/19/2018	Water	J5603-08	Ferrous Iron	Cool 4 deg C	FOST03	E21	RAV-GT106	10/17/2018	HACH 8146
10/19/2018	Water	J5603-10	Ferrous Iron	Cool 4 deg C	FOST03	E21	RAV-GTMW3	10/17/2018	HACH 8146
10/19/2018	Water	J5603-11	Ferrous Iron	Cool 4 deg C	FOST03	E21	RAV-MWRV1A	10/17/2018	HACH 8146
10/19/2018	Water	J5603-12	Ferrous Iron	Cool 4 deg C	FOST03	E21	RAV-MWRV4	10/17/2018	HACH 8146
10/19/2018	Water	J5603-13	Ferrous Iron	Cool 4 deg C	FOST03	E21	RAV-MWRV5	10/17/2018	HACH 8146
10/19/2018	Water	J5603-14	Ferrous Iron	Cool 4 deg C	FOST03	E21	RAV-MWRV11	10/17/2018	HACH 8146

Date/Time 10-20-18 7:40
 Received by: AC
 Relinquished by: JP

Date/Time 10-20-18 4:15
 Received by: JP
 Relinquished by: AC

WORKLIST(Hardcopy Internal Chain)

WorkList Name : LODLOQFE

WorkList ID : 118040

Date : 10/15/2018 1:54:44 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
09/30/2018	Water	J5164-07	Ferrous Iron	Cool 4 deg C	CHEM02	Wet Chem L	LOD-MDL-WATER-01-QT4-20	09/28/2018	HACH 8146
09/30/2018	Water	J5164-08	Ferrous Iron	Cool 4 deg C	CHEM02	Wet Chem L	LOQ-WATER-02-QT4-2018	09/28/2018	HACH 8146
09/30/2018	Water	J5164-09	Ferrous Iron	Cool 4 deg C	CHEM02	Wet Chem L	MDL-WATER-03-QT4-2018	09/28/2018	HACH 8146

Date/Time _____
 Received by: _____
 Relinquished by: _____

Date/Time _____
 Received by: _____
 Relinquished by: _____