

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB108466

ANALYST: Alexander
 SUPERVISOR REVIEW BY: apatel
 Constant: 16000
 Normality1: 0.025
 Normality2: 0.025

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP82689
IODINE SOLUTION .025N 1L	W2669
Starch Solution, 4L	W2379

Seq	Lab ID	True Value (mg/l)	DF	Initial Weight (g)	Final Volume (ml)	T1 (ml)	T2 Initial	T2 Final	T2 Diff. (ml)	T1 - T2 Diff (mL)	Value Corrected With Blank	Result (ppm)	Anal Date	Anal Time
1	PB127840BL		1	5.00	50	2.00	0.00	1.86	1.86	0.14	0.00	0.00	03/26/2020	16:24
2	L1753-16		1	5.03	50	2.00	1.86	3.70	1.84	0.16	0.02	1.59	03/26/2020	16:28
3	L1753-16DUP		1	5.01	50	2.00	3.70	5.56	1.86	0.14	0.00	0.00	03/26/2020	16:30
4	L1761-15		1	5.06	50	2.00	5.56	7.42	1.86	0.14	0.00	0.00	03/26/2020	16:32
5	L2033-01		1	5.04	50	2.00	0.00	1.78	1.78	0.22	0.08	6.35	03/26/2020	16:36
6	L2033-02		1	5.02	50	2.00	1.78	3.48	1.70	0.30	0.16	12.75	03/26/2020	16:38
7	L2033-03		1	5.00	50	2.00	3.48	5.22	1.74	0.26	0.12	9.60	03/26/2020	16:40
8	L2033-04		1	5.05	50	2.00	5.22	6.96	1.74	0.26	0.12	9.50	03/26/2020	16:42
9	L2033-05		1	5.06	50	2.00	6.96	8.76	1.80	0.20	0.06	4.74	03/26/2020	16:44
10	L2043-04		1	5.03	50	2.00	0.00	1.66	1.66	0.34	0.20	15.90	03/26/2020	16:48
11	L2043-08		1	5.00	50	2.00	1.66	3.36	1.70	0.30	0.16	12.80	03/26/2020	16:50
12	L2049-05		1	5.04	50	2.00	3.36	5.04	1.68	0.32	0.18	14.29	03/26/2020	16:52

T1 = Titrant1

T2 = Titrant2

T2 Diff = T2 Final - T2 Initial

Value Corrected With Blank = ((T1 - T2 Diff) - Blank Correction(BL))

Result = ((T1 * Normality1) - ((T1 - Value Corrected With Blank) * Normality2)) * Constant / Initial Volume