

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB107879

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP81413
IODINE SOLUTION .025N 1L	W2508
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	PB126955BL		1	5.00	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	02/20/2020	13:20
2	L1362-03		1	5.01	50	2.00	1.90	3.80	1.90	0.10	0.00	0.00	02/20/2020	13:22
3	L1362-03DUP		1	5.00	50	2.00	3.80	5.64	1.84	0.16	0.06	4.80	02/20/2020	13:24
4	L1575-04		1	5.07	50	2.00	5.64	7.40	1.76	0.24	0.14	11.05	02/20/2020	13:26
5	L1575-08		1	5.06	50	2.00	0.00	1.80	1.80	0.20	0.10	7.91	02/20/2020	13:30
6	L1578-01		1	5.04	50	2.00	1.80	3.54	1.74	0.26	0.16	12.70	02/20/2020	13:32
7	L1600-04		1	5.03	50	2.00	3.54	5.18	1.64	0.36	0.26	20.68	02/20/2020	13:34
8	L1600-08		1	5.08	50	2.00	5.18	6.96	1.78	0.22	0.12	9.45	02/20/2020	13:36

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