

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB107416

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP80247
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	PB126430BL		1	5.00	50	2.00	0.00	1.86	1.86	0.14	0.00	0.00	01/29/2020	12:10
2	L1013-12		1	5.02	50	2.00	1.86	3.68	1.82	0.18	0.04	3.19	01/29/2020	12:12
3	L1013-12DUP		1	5.03	50	2.00	3.68	5.48	1.80	0.20	0.06	4.77	01/29/2020	12:14
4	L1287-05		1	5.06	50	2.00	5.48	7.30	1.82	0.18	0.04	3.16	01/29/2020	12:16
5	L1287-06		1	5.05	50	2.00	0.00	1.84	1.84	0.16	0.02	1.58	01/29/2020	12:20
6	L1289-06		1	5.09	50	2.00	1.84	3.70	1.86	0.14	0.00	0.00	01/29/2020	12:22
7	L1289-14		1	5.01	50	2.00	3.70	5.42	1.72	0.28	0.14	11.18	01/29/2020	12:24
8	L1289-22		1	5.03	50	2.00	5.42	7.14	1.72	0.28	0.14	11.13	01/29/2020	12:26
9	L1289-30		1	5.02	50	2.00	0.00	1.78	1.78	0.22	0.08	6.37	01/29/2020	12:30
10	L1289-38		1	5.08	50	2.00	1.78	3.52	1.74	0.26	0.12	9.45	01/29/2020	12:32

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