

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB107026

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	PB125888BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	01/03/2020	12:30
2	L1008-02		1	5.07	50	2.00	1.92	3.82	1.90	0.10	0.02	1.58	01/03/2020	12:32
3	L1008-02DUP		1	5.04	50	2.00	3.82	5.68	1.86	0.14	0.06	4.76	01/03/2020	12:34
4	L1009-02		1	5.02	50	2.00	5.68	7.34	1.66	0.34	0.26	20.72	01/03/2020	12:36
5	L1010-02		1	5.09	50	2.00	0.00	1.74	1.74	0.26	0.18	14.15	01/03/2020	12:38

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