

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB107144

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	PB126044BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	01/13/2020	12:20
2	L1014-05		1	5.07	50	2.00	1.94	3.88	1.94	0.06	0.00	0.00	01/13/2020	12:22
3	L1014-05DUP		1	5.04	50	2.00	3.88	5.80	1.92	0.08	0.02	1.59	01/13/2020	12:24
4	L1091-02		1	5.06	50	2.00	5.80	7.70	1.90	0.10	0.04	3.16	01/13/2020	12:26
5	L1093-01		1	5.02	50	2.00	0.00	1.82	1.82	0.18	0.12	9.56	01/13/2020	12:30
6	L1106-03		1	5.09	50	2.00	1.82	3.66	1.84	0.16	0.10	7.86	01/13/2020	12:32
7	L1106-05		1	5.03	50	2.00	3.66	5.48	1.82	0.18	0.12	9.54	01/13/2020	12:34
8	L1106-07		1	5.01	50	2.00	5.48	7.38	1.90	0.10	0.04	3.19	01/13/2020	12:36

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