

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB105939

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP78865
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	PB124315BL		1	5.02	50	2.00	0.00	2.00	2.00	0.00	0.00	0.00	10/25/2019	15:02
2	K5153-07		1	5.02	50	2.00	2.00	3.98	1.98	0.02	0.02	1.59	10/25/2019	15:04
3	K5153-07DUP		1	5.04	50	2.00	3.98	5.94	1.96	0.04	0.04	3.17	10/25/2019	15:06
4	K5534-01		1	5.01	50	2.00	5.94	7.88	1.94	0.06	0.06	4.79	10/25/2019	15:08
5	K5534-03		1	5.00	50	2.00	0.00	1.98	1.98	0.02	0.02	1.60	10/25/2019	15:10
6	K5534-05		1	5.03	50	2.00	1.98	3.94	1.96	0.04	0.04	3.18	10/25/2019	15:15

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