

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB106521

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	PB125166BL		1	5.02	50	2.00	0.00	1.74	1.74	0.26	0.00	0.00	11/27/2019	12:30
2	K5675-11		1	5.02	50	2.00	1.74	3.46	1.72	0.28	0.02	1.59	11/27/2019	12:32
3	K5675-11DUP		1	5.04	50	2.00	3.46	5.16	1.70	0.30	0.04	3.17	11/27/2019	12:35
4	K6054-03		1	5.01	50	2.00	5.16	6.84	1.68	0.32	0.06	4.79	11/27/2019	12:38
5	K6054-06		1	5.00	50	2.00	6.84	8.50	1.66	0.34	0.08	6.40	11/27/2019	12:42
6	K6066-04		1	5.03	50	2.00	1.76	3.50	1.74	0.26	0.00	0.00	11/27/2019	12:44

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