

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB105828

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	PB124163BL		1	5.01	50	2.00	0.00	1.96	1.96	0.04	0.00	0.00	10/21/2019	11:40
2	K5146-14		1	5.02	50	2.00	1.96	3.90	1.94	0.06	0.02	1.59	10/21/2019	11:42
3	K5146-14DUP		1	5.04	50	2.00	3.90	5.82	1.92	0.08	0.04	3.17	10/21/2019	11:46
4	K5147-07		1	5.01	50	2.00	5.82	7.72	1.90	0.10	0.06	4.79	10/21/2019	11:48
5	K5150-09		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.02	1.60	10/21/2019	11:50
6	K5447-02		1	5.03	50	2.00	1.94	3.86	1.92	0.08	0.04	3.18	10/21/2019	11:52
7	K5448-06		1	5.02	50	2.00	3.86	5.76	1.90	0.10	0.06	4.78	10/21/2019	11:55
8	K5453-02		1	5.04	50	2.00	5.76	7.64	1.88	0.12	0.08	6.35	10/21/2019	11:59

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