

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB105320

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP77620
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	PB123377BL		1	5.02	50	2.00	0.00	1.78	1.78	0.22	0.00	0.00	09/25/2019	15:03
2	K4657-03		1	5.02	50	2.00	1.78	3.54	1.76	0.24	0.02	1.59	09/25/2019	15:04
3	K4657-03DUP		1	5.04	50	2.00	3.54	5.28	1.74	0.26	0.04	3.17	09/25/2019	15:04
4	K4657-06		1	5.01	50	2.00	5.28	7.00	1.72	0.28	0.06	4.79	09/25/2019	15:05
5	K4663-09		1	5.00	50	2.00	7.00	8.76	1.76	0.24	0.02	1.60	09/25/2019	15:12
6	K5012-01		1	5.03	50	2.00	0.00	1.76	1.76	0.24	0.02	1.59	09/25/2019	15:14

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