

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB106923

ANALYST: Daniel
 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	PB125711BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	12/24/2019	13:00
2	K6118-13		1	5.01	50	2.00	1.94	3.86	1.92	0.08	0.02	1.60	12/24/2019	13:02
3	K6118-13DUP		1	5.03	50	2.00	3.86	5.76	1.90	0.10	0.04	3.18	12/24/2019	13:04
4	K6413-14		1	5.02	50	2.00	5.76	7.64	1.88	0.12	0.06	4.78	12/24/2019	13:06
5	K6413-15		1	5.03	50	2.00	0.00	1.92	1.92	0.08	0.02	1.59	12/24/2019	13:10
6	K6413-16		1	5.03	50	2.00	1.92	3.82	1.90	0.10	0.04	3.18	12/24/2019	13:12
7	K6414-09		1	5.04	50	2.00	3.82	5.70	1.88	0.12	0.06	4.76	12/24/2019	13:14
8	K6414-10		1	5.01	50	2.00	5.70	7.56	1.86	0.14	0.08	6.39	12/24/2019	13:16

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