

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB106953

ANALYST: Alexander
 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	PB125765BL		1	5.03	50	2.00	0.00	1.98	1.98	0.02	0.00	0.00	12/27/2019	11:40
2	K6113-15		1	5.02	50	2.00	1.98	3.92	1.94	0.06	0.04	3.19	12/27/2019	11:42
3	K6113-15DUP		1	5.04	50	2.00	3.92	5.84	1.92	0.08	0.06	4.76	12/27/2019	11:44
4	K6117-12		1	5.03	50	2.00	5.84	7.72	1.88	0.12	0.10	7.95	12/27/2019	11:46
5	K6441-08		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.08	6.34	12/27/2019	11:48
6	K6441-09		1	5.02	50	2.00	1.90	3.84	1.94	0.06	0.04	3.19	12/27/2019	11:50
7	K6442-07		1	5.06	50	2.00	3.84	5.60	1.76	0.24	0.22	17.39	12/27/2019	11:52

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