

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB105679

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	PB123942BL		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.00	0.00	10/14/2019	13:02
2	K5148-08		1	5.00	50	2.00	1.88	3.74	1.86	0.14	0.02	1.60	10/14/2019	13:04
3	K5148-08DUP		1	5.02	50	2.00	3.74	5.58	1.84	0.16	0.04	3.19	10/14/2019	13:06
4	K5326-01		1	5.03	50	2.00	5.58	7.40	1.82	0.18	0.06	4.77	10/14/2019	13:08
5	K5335-02		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.02	1.59	10/14/2019	13:12
6	K5352-04		1	5.06	50	2.00	1.86	3.70	1.84	0.16	0.04	3.16	10/14/2019	13:14
7	K5352-08		1	5.04	50	2.00	3.70	5.52	1.82	0.18	0.06	4.76	10/14/2019	13:17
8	K5352-12		1	5.02	50	2.00	5.52	7.32	1.80	0.20	0.08	6.37	10/14/2019	13:20

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