

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB105202

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	PB123210BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	09/18/2019	12:05
2	K4668-11		1	5.02	50	2.00	1.94	3.82	1.88	0.12	0.06	4.78	09/18/2019	12:08
3	K4668-11DUP		1	5.04	50	2.00	3.82	5.72	1.90	0.10	0.04	3.17	09/18/2019	12:10
4	K4669-06		1	5.01	50	2.00	5.72	7.46	1.74	0.26	0.20	15.97	09/18/2019	12:12
5	K4931-02		1	5.00	50	2.00	7.46	9.38	1.92	0.08	0.02	1.60	09/18/2019	12:14
6	K4942-02		1	5.03	50	2.00	0.00	1.92	1.92	0.08	0.02	1.59	09/18/2019	12:16
7	K4942-04		1	5.02	50	2.00	1.92	3.80	1.88	0.12	0.06	4.78	09/18/2019	12:18
8	K4942-06		1	5.04	50	2.00	3.82	5.70	1.88	0.12	0.06	4.76	09/18/2019	12:20
9	K4942-08		1	5.01	50	2.00	5.70	7.44	1.74	0.26	0.20	15.97	09/18/2019	12:26
10	K4942-10		1	5.02	50	2.00	7.44	9.34	1.90	0.10	0.04	3.19	09/18/2019	12:28
11	K4944-02		1	5.03	50	2.00	0.00	1.78	1.78	0.22	0.16	12.72	09/18/2019	12:30

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