

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB105889

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	PB124206BL		1	5.03	50	2.00	0.00	1.98	1.98	0.02	0.00	0.00	10/23/2019	15:00
2	K5139-03		1	5.02	50	2.00	1.98	3.94	1.96	0.04	0.02	1.59	10/23/2019	15:02
3	K5139-03DUP		1	5.04	50	2.00	3.94	5.88	1.94	0.06	0.04	3.17	10/23/2019	15:04
4	K5152-13		1	5.01	50	2.00	5.88	7.80	1.92	0.08	0.06	4.79	10/23/2019	15:06
5	K5485-04		1	5.00	50	2.00	0.00	1.96	1.96	0.04	0.02	1.60	10/23/2019	15:08
6	K5485-08		1	5.03	50	2.00	1.96	3.90	1.94	0.06	0.04	3.18	10/23/2019	15:10
7	K5485-12		1	5.02	50	2.00	3.90	5.82	1.92	0.08	0.06	4.78	10/23/2019	15:12
8	K5489-03		1	5.04	50	2.00	5.82	7.72	1.90	0.10	0.08	6.35	10/23/2019	15:14
9	K5489-06		1	5.01	50	2.00	0.00	1.94	1.94	0.06	0.04	3.19	10/23/2019	15:16
10	K5495-01		1	5.02	50	2.00	1.94	3.86	1.92	0.08	0.06	4.78	10/23/2019	15:20

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