

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB107106

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	PB125966BL		1	5.03	50	2.00	0.00	1.76	1.76	0.24	0.00	0.00	01/09/2020	15:30
2	L1060-06		1	5.02	50	2.00	1.76	3.50	1.74	0.26	0.02	1.59	01/09/2020	15:32
3	L1060-06DUP		1	5.04	50	2.00	3.50	5.22	1.72	0.28	0.04	3.17	01/09/2020	15:34
4	L1060-12		1	5.01	50	2.00	5.22	6.92	1.70	0.30	0.06	4.79	01/09/2020	15:36
5	L1060-18		1	5.00	50	2.00	0.00	1.74	1.74	0.26	0.02	1.60	01/09/2020	15:40
6	L1064-03		1	5.05	50	2.00	1.74	3.46	1.72	0.28	0.04	3.17	01/09/2020	15:42
7	L1064-07		1	5.09	50	2.00	3.46	5.16	1.70	0.30	0.06	4.72	01/09/2020	15:44
8	L1064-10		1	5.07	50	2.00	5.16	6.84	1.68	0.32	0.08	6.31	01/09/2020	15:46
9	L1065-01		1	5.04	50	2.00	0.00	1.72	1.72	0.28	0.04	3.17	01/09/2020	15:50
10	L1070-03		1	5.06	50	2.00	1.72	3.42	1.70	0.30	0.06	4.74	01/09/2020	15:52
11	L1070-06		1	5.02	50	2.00	3.42	5.10	1.68	0.32	0.08	6.37	01/09/2020	15:54

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