

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB107261

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	PB126167BL		1	5.00	50	2.00	0.00	1.88	1.88	0.12	0.00	0.00	01/20/2020	13:40
2	L1004-12		1	5.01	50	2.00	1.88	3.72	1.84	0.16	0.04	3.19	01/20/2020	13:42
3	L1004-12DUP		1	5.04	50	2.00	3.72	5.54	1.82	0.18	0.06	4.76	01/20/2020	13:44
4	L1014-10		1	5.06	50	2.00	5.54	7.36	1.82	0.18	0.06	4.74	01/20/2020	13:46
5	L1166-02		1	5.02	50	2.00	0.00	1.82	1.82	0.18	0.06	4.78	01/20/2020	13:50
6	L1166-03		1	5.05	50	2.00	1.82	3.66	1.84	0.16	0.04	3.17	01/20/2020	13:52
7	L1166-04		1	5.04	50	2.00	3.66	5.46	1.80	0.20	0.08	6.35	01/20/2020	13:54
8	L1175-01		1	5.06	50	2.00	5.46	7.22	1.76	0.24	0.12	9.49	01/20/2020	13:56
9	L1181-06		1	5.09	50	2.00	0.00	1.86	1.86	0.14	0.02	1.57	01/20/2020	14:00
10	L1188-02		1	5.10	50	2.00	1.86	3.62	1.76	0.24	0.12	9.41	01/20/2020	14:02
11	L1188-04		1	5.08	50	2.00	3.62	5.38	1.76	0.24	0.12	9.45	01/20/2020	14:04

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