

Analysis Method: 9034  
 Parameter: Reactive Sulfide  
 Run Number: LB108537

ANALYST: Alexander  
 SUPERVISOR REVIEW BY: apatel  
 Constant: 16000  
 Normality1: 0.025  
 Normality2: 0.025

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP82689
IODINE SOLUTION .025N 1L	W2669
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	PB127945BL		1	5.00	50	2.00	0.00	1.80	1.80	0.20	0.00	0.00	04/01/2020	16:10
2	L1752-08		1	5.03	50	2.00	1.80	3.50	1.70	0.30	0.10	7.95	04/01/2020	16:11
3	L1752-08DUP		1	5.05	50	2.00	3.50	5.22	1.72	0.28	0.08	6.34	04/01/2020	16:13
4	L1759-20		1	5.04	50	2.00	5.22	6.86	1.64	0.36	0.16	12.70	04/01/2020	16:14
5	L2101-01		1	5.04	50	2.00	6.86	8.60	1.74	0.26	0.06	4.76	04/01/2020	16:16
6	L2101-02		1	5.01	50	2.00	0.00	1.68	1.68	0.32	0.12	9.58	04/01/2020	16:19
7	L2101-03		1	5.09	50	2.00	1.68	3.34	1.66	0.34	0.14	11.00	04/01/2020	16:20

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