

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB107745

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP81413
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	PB126798BL		1	5.00	50	2.00	0.00	1.88	1.88	0.12	0.00	0.00	02/13/2020	13:10
2	L1370-05		1	5.01	50	2.00	1.88	3.76	1.88	0.12	0.00	0.00	02/13/2020	13:12
3	L1370-05DUP		1	5.07	50	2.00	3.76	5.58	1.82	0.18	0.06	4.73	02/13/2020	13:14
4	L1385-04		1	5.08	50	2.00	5.58	7.42	1.84	0.16	0.04	3.15	02/13/2020	13:16
5	L1492-01		1	5.06	50	2.00	0.00	1.78	1.78	0.22	0.10	7.91	02/13/2020	13:20
6	L1492-02		1	5.04	50	2.00	1.78	3.54	1.76	0.24	0.12	9.52	02/13/2020	13:22
7	L1509-11		1	5.05	50	2.00	3.54	5.34	1.80	0.20	0.08	6.34	02/13/2020	13:24
8	L1509-12		1	5.09	50	2.00	5.34	7.14	1.80	0.20	0.08	6.29	02/13/2020	13:26

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