

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB107790

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	PB126854BL		1	5.00	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	02/17/2020	12:10
2	L1365-16		1	5.04	50	2.00	1.90	3.74	1.84	0.16	0.06	4.76	02/17/2020	12:12
3	L1365-16DUP		1	5.07	50	2.00	3.74	5.52	1.78	0.22	0.12	9.47	02/17/2020	12:14
4	L1544-03		1	5.07	50	2.00	5.52	7.34	1.82	0.18	0.08	6.31	02/17/2020	12:18
5	L1544-07		1	5.05	50	2.00	0.00	1.82	1.82	0.18	0.08	6.34	02/17/2020	12:20

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