

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB107903

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	PB126991BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	02/21/2020	13:02
2	L1603-01		1	5.02	50	2.00	1.92	3.82	1.90	0.10	0.02	1.59	02/21/2020	13:04
3	L1603-01DUP		1	5.03	50	2.00	3.82	5.64	1.82	0.18	0.10	7.95	02/21/2020	13:06
4	L1631-04		1	5.08	50	2.00	5.64	7.54	1.90	0.10	0.02	1.57	02/21/2020	13:08
5	L1631-08		1	5.05	50	2.00	0.00	1.80	1.80	0.20	0.12	9.50	02/21/2020	13:12
6	L1631-12		1	5.07	50	2.00	1.80	3.60	1.80	0.20	0.12	9.47	02/21/2020	13:14

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