

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB107294

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	PB126269BL		1	5.00	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	01/22/2020	11:50
2	L1216-09		1	5.07	50	2.00	1.90	3.80	1.90	0.10	0.00	0.00	01/22/2020	11:52
3	L1216-09DUP		1	5.04	50	2.00	3.80	5.68	1.88	0.12	0.02	1.59	01/22/2020	11:54
4	L1216-10		1	5.06	50	2.00	5.68	7.50	1.82	0.18	0.08	6.32	01/22/2020	11:56
5	L1216-11		1	5.03	50	2.00	0.00	1.78	1.78	0.22	0.12	9.54	01/22/2020	12:00
6	L1216-12		1	5.05	50	2.00	1.78	3.62	1.84	0.16	0.06	4.75	01/22/2020	12:02

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