

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB108421

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	PB127789BL		1	5.00	50	2.00	0.00	1.88	1.88	0.12	0.00	0.00	03/24/2020	14:20
2	L2011-01		1	5.03	50	2.00	1.88	3.76	1.88	0.12	0.00	0.00	03/24/2020	14:22
3	L2011-01DUP		1	5.05	50	2.00	3.76	5.60	1.84	0.16	0.04	3.17	03/24/2020	14:24
4	L2011-02		1	5.01	50	2.00	5.60	7.44	1.84	0.16	0.04	3.19	03/24/2020	14:26
5	L2011-03		1	5.04	50	2.00	0.00	1.72	1.72	0.28	0.16	12.70	03/24/2020	14:30

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