

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB108422

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 Volume (mL)	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	PB127788BL		1	50	50	2.00	0.00	1.88	1.88	0.12	0.00	0.00	03/24/2020	14:34
2	L2011-04		1	50	50	2.00	1.88	3.74	1.86	0.14	0.02	0.16	03/24/2020	14:36
3	L2011-04DUP		1	50	50	2.00	3.74	5.62	1.88	0.12	0.00	0.00	03/24/2020	14:38
4	L2021-07		1	50	50	2.00	5.62	7.44	1.82	0.18	0.06	0.48	03/24/2020	14:40
5	L2021-08		1	50	50	2.00	0.00	1.84	1.84	0.16	0.04	0.32	03/24/2020	14:44

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