

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB108475

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	PB127841BL		1	50	50	2.00	0.00	1.86	1.86	0.14	0.00	0.00	03/26/2020	16:56
2	L2042-10		1	50	50	2.00	1.86	3.44	1.58	0.42	0.28	2.24	03/26/2020	16:58
3	L2042-10DUP		1	50	50	2.00	3.44	5.06	1.62	0.38	0.24	1.92	03/26/2020	17:00
4	L2042-11		1	50	50	2.00	5.06	6.84	1.78	0.22	0.08	0.64	03/26/2020	17:02

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