

Analysis Method: 9034

Parameter: Reactive Sulfide

Run Number: LB129210

ANALYST: Nikita

SUPERVISOR REVIEW BY: Iwona

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2976
IODINE SOLUTION .025N 1L	W3050
Starch Solution, 4L	W2977

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	PB158537BL		1	50	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	01/22/2024	11:50
2	P1201-04		1	50	50	2.00	0.00	1.86	1.86	0.14	0.04	0.32	01/22/2024	11:53
3	P1201-04DUP		1	50	50	2.00	0.00	1.86	1.86	0.14	0.04	0.32	01/22/2024	11:56
4	P1205-03		1	50	50	2.00	0.00	1.82	1.82	0.18	0.08	0.64	01/22/2024	11:58

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