

Analysis Method: 9034

Parameter: Reactive Sulfide

Run Number: LB129321

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	PB158730BL		1	50	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	01/31/2024	15:00
2	P1270-04		1	50	50	2.00	0.00	1.82	1.82	0.18	0.08	0.64	01/31/2024	15:03
3	P1270-04DUP		1	50	50	2.00	0.00	1.82	1.82	0.18	0.08	0.64	01/31/2024	15:06
4	P1294-01		1	50	50	2.00	0.00	1.86	1.86	0.14	0.04	0.32	01/31/2024	15:09

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