

Analysis Method: 9034
Parameter: Sulfide
Run Number: LB130833

ANALYST: Rubina
SUPERVISOR REVIEW BY: Iwona
Constant: 16000
Normality1: 0.025
Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W3105
IODINE SOLUTION .025N 1L	W3050
Starch Solution, 4L	W2977

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)	AnalDate	Anal Time
1	PB161008BL		1	5.00	50	5.00	0.00	4.94	4.94	0.06	0.00	0.00	05/20/2024	14:00
2	PB161008BS	250	1	5.00	50	5.00	0.00	2.06	2.06	2.94	2.88	230.40	05/20/2024	14:03
3	P2403-01		1	5.00	50	5.00	0.00	4.88	4.88	0.12	0.06	4.80	05/20/2024	14:06
4	P2403-02		1	5.00	50	5.00	0.00	4.82	4.82	0.18	0.12	9.60	05/20/2024	14:09

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