

Analysis Method: 9034
Parameter: Sulfide
Run Number: LB137894

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

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W3248
IODINE SOLUTION .025N 1L	W3213
Starch Solution, 4L	W3149

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)	AnalDate	Anal Time
1	PB170542BL		1	50	50	5.00	0.00	4.92	4.92	0.08	0.00	0.00	11/13/2025	14:22
2	PB170542BS	25	1	50	50	5.00	0.00	1.82	1.82	3.18	3.10	24.80	11/13/2025	14:25
3	Q3530-07		1	50	50	5.00	0.00	4.88	4.88	0.12	0.04	0.32	11/13/2025	14:28
4	Q3530-08		1	50	50	5.00	0.00	4.80	4.80	0.20	0.12	0.96	11/13/2025	14:31

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