

Analysis Method: SM4500 S EorF

Parameter: Sulfide

Run Number: LB137893

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	PB170543BL		1	50	50	5.00	0.00	4.92	4.92	0.08	0.00	0.00	11/13/2025	14:10
2	PB170543BS	25	1	50	50	5.00	0.00	1.70	1.70	3.30	3.22	25.76	11/13/2025	14:13
3	Q3530-10		1	50	50	5.00	0.00	4.84	4.84	0.16	0.08	0.64	11/13/2025	14:16
4	Q3530-11		1	50	50	5.00	0.00	4.78	4.78	0.22	0.14	1.12	11/13/2025	14:19

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