

Analysis Method: 9034

Parameter: Sulfide

Run Number: LB134655

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	W3114
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	PB166643BL		1	50	50	5.00	0.00	4.92	4.92	0.08	0.00	0.00	02/10/2025	16:25
2	PB166643BS	25	1	50	50	5.00	0.00	1.98	1.98	3.02	2.94	23.52	02/10/2025	16:28
3	Q1325-02		1	50	50	5.00	0.00	4.90	4.90	0.10	0.02	0.16	02/10/2025	16:31
4	Q1325-02DUP		1	50	50	5.00	0.00	4.90	4.90	0.10	0.02	0.16	02/10/2025	16:34
5	Q1325-02MS	25	1	50	50	5.00	0.00	1.92	1.92	3.08	3.00	24.00	02/10/2025	16:37
6	Q1325-02MSD	25	1	50	50	5.00	0.00	1.90	1.90	3.10	3.02	24.16	02/10/2025	16:40
7	Q1325-04		1	50	50	5.00	0.00	4.88	4.88	0.12	0.04	0.32	02/10/2025	16:43
8	Q1325-06		1	50	50	5.00	0.00	4.90	4.90	0.10	0.02	0.16	02/10/2025	16:46

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