

Analysis Method: 9034

Parameter: Reactive Sulfide

Run Number: LB135069

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 Weight (g)	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	PB167149BL		1	5.00	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	03/18/2025	11:45
2	Q1568-04		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.02	1.59	03/18/2025	11:48
3	Q1568-04DUP		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.02	1.59	03/18/2025	11:50
4	Q1570-01		1	5.07	50	2.00	0.00	1.84	1.84	0.16	0.06	4.73	03/18/2025	11:53
5	Q1570-02		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.02	1.59	03/18/2025	11:56
6	Q1574-02		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.04	3.17	03/18/2025	11:58
7	Q1590-01		1	5.01	50	2.00	0.00	1.86	1.86	0.14	0.04	3.19	03/18/2025	12:01

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