

Analysis Method: 9034

Parameter: Reactive Sulfide

Run Number: LB129567

ANALYST: Nikita

SUPERVISOR REVIEW BY: Iwona

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2976
IODINE SOLUTION .025N 1L	W3050
Starch Solution, 4L	W2977

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)	Anal Date	Anal Time
1	PB159074BL		1	50	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	02/16/2024	11:46
2	P1484-01		1	50	50	2.00	0.00	1.92	1.92	0.08	0.02	0.16	02/16/2024	11:49
3	P1484-01DUP		1	50	50	2.00	0.00	1.92	1.92	0.08	0.02	0.16	02/16/2024	11:52
4	P1484-02		1	50	50	2.00	0.00	1.90	1.90	0.10	0.04	0.32	02/16/2024	11:55
5	P1486-04		1	50	50	2.00	0.00	1.86	1.86	0.14	0.08	0.64	02/16/2024	11:58
6	P1486-05		1	50	50	2.00	0.00	1.88	1.88	0.12	0.06	0.48	02/16/2024	12:01
7	P1486-06		1	50	50	2.00	0.00	1.86	1.86	0.14	0.08	0.64	02/16/2024	12:04

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