

Analysis Method: 9034

Parameter: Sulfide

Run Number: LB125125

ANALYST: Iwona

SUPERVISOR REVIEW BY: Sohil

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2976
IODINE SOLUTION .025N 1L	W2924
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)	AnalDate	Anal Time
1	PB152228BL		1	50	50	5.00	0.00	4.90	4.90	0.10	0.00	0.00	04/20/2023	14:10
2	PB152228BS	25	1	50	50	5.00	0.00	2.24	2.24	2.76	2.66	21.28	04/20/2023	14:12
3	O1627-07		1	50	50	5.00	0.00	4.84	4.84	0.16	0.06	0.48	04/20/2023	14:15
4	O1627-08		1	50	50	5.00	0.00	4.76	4.76	0.24	0.14	1.12	04/20/2023	14:18
5	O1627-09		1	50	50	5.00	0.00	4.82	4.82	0.18	0.08	0.64	04/20/2023	14:20
6	O1953-29		1	50	50	5.00	0.00	4.40	4.40	0.60	0.50	4.00	04/20/2023	14:23

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