

Analysis Method: 9034
Parameter: Sulfide
Run Number: LB132667

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	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	PB163761BL		1	50	50	5.00	0.00	4.88	4.88	0.12	0.00	0.00	09/30/2024	13:00
2	PB163761BS	25	1	50	50	5.00	0.00	2.24	2.24	2.76	2.64	21.12	09/30/2024	13:03
3	P3848-29		1	50	50	5.00	0.00	4.52	4.52	0.48	0.36	2.88	09/30/2024	13:06
4	P4180-21		1	50	50	5.00	0.00	4.86	4.86	0.14	0.02	0.16	09/30/2024	13:09
5	P4180-21DUP		1	50	50	5.00	0.00	4.86	4.86	0.14	0.02	0.16	09/30/2024	13:12
6	P4180-21MS	25	1	50	50	5.00	0.00	2.16	2.16	2.84	2.72	21.76	09/30/2024	13:15
7	P4180-21MSD	25	1	50	50	5.00	0.00	2.16	2.16	2.84	2.72	21.76	09/30/2024	13:18

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