

Analysis Method: 9034

ANALYST: rubina

Parameter: Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137136

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W3105
IODINE SOLUTION .025N 1L	W3213
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	PB169542BL		1	50	50	5.00	0.00	4.94	4.94	0.06	0.00	0.00	09/10/2025	12:00
2	PB169542BS	25	1	50	50	5.00	0.00	2.14	2.14	2.86	2.80	22.40	09/10/2025	12:03
3	Q2893-09		1	50	50	5.00	0.00	4.88	4.88	0.12	0.06	0.48	09/10/2025	12:06
4	Q3019-29		1	50	50	5.00	0.00	4.40	4.40	0.60	0.54	4.32	09/10/2025	12:09
5	Q3025-01		1	50	50	5.00	0.00	4.90	4.90	0.10	0.04	0.32	09/10/2025	12:12
6	Q3025-01DUP		1	50	50	5.00	0.00	4.90	4.90	0.10	0.04	0.32	09/10/2025	12:15
7	Q3025-01MS	25	1	50	50	5.00	0.00	1.90	1.90	3.10	3.04	24.32	09/10/2025	12:18
8	Q3025-01MSD	25	1	50	50	5.00	0.00	1.92	1.92	3.08	3.02	24.16	09/10/2025	12:21
9	Q3025-03		1	50	50	5.00	0.00	4.92	4.92	0.08	0.02	0.16	09/10/2025	12:24
10	Q3025-05		1	50	50	5.00	0.00	4.90	4.90	0.10	0.04	0.32	09/10/2025	12:27

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