

Analysis Method: 9034  
Parameter: Sulfide  
Run Number: LB131970

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   | PB162673BL |                   | 1  | 50                  | 50                | 5.00    | 0.00       | 4.82     | 4.82          | 0.18              | 0.00                       | 0.00         | 08/13/2024 | 12:25     |
| 2   | PB162673BS | 25                | 1  | 50                  | 50                | 5.00    | 0.00       | 1.94     | 1.94          | 3.06              | 2.88                       | 23.04        | 08/13/2024 | 12:28     |
| 3   | P3390-09   |                   | 1  | 50                  | 50                | 5.00    | 0.00       | 4.76     | 4.76          | 0.24              | 0.06                       | 0.48         | 08/13/2024 | 12:31     |

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