

Analysis Method: 9034

Parameter: Reactive Sulfide

Run Number: LB132553

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) | Anal Date  | Anal Time |
|-----|-------------|-------------------|----|---------------------|-------------------|---------|------------|----------|---------------|-------------------|----------------------------|--------------|------------|-----------|
| 1   | PB163551BL  |                   | 1  | 50                  | 50                | 2.00    | 0.00       | 1.94     | 1.94          | 0.06              | 0.00                       | 0.00         | 09/23/2024 | 11:50     |
| 2   | P4118-01    |                   | 1  | 50                  | 50                | 2.00    | 0.00       | 1.92     | 1.92          | 0.08              | 0.02                       | 0.16         | 09/23/2024 | 11:53     |
| 3   | P4118-01DUP |                   | 1  | 50                  | 50                | 2.00    | 0.00       | 1.92     | 1.92          | 0.08              | 0.02                       | 0.16         | 09/23/2024 | 11:55     |
| 4   | P4140-02    |                   | 1  | 50                  | 50                | 2.00    | 0.00       | 1.86     | 1.86          | 0.14              | 0.08                       | 0.64         | 09/23/2024 | 11:58     |

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