

Analysis Method: 9034  
 Parameter: Reactive Sulfide  
 Run Number: LB131518

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           | W3050     |
| Starch Solution, 4L                | W2977     |

| Seq | Lab ID      | True Value (mg/l) | DF | Initial Weight (g) | 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   | PB161933BL  |                   | 1  | 5.00               | 50                | 2.00    | 0.00       | 1.94     | 1.94          | 0.06              | 0.00                       | 0.00         | 07/05/2024 | 13:00     |
| 2   | P3152-01    |                   | 1  | 5.04               | 50                | 2.00    | 0.00       | 1.92     | 1.92          | 0.08              | 0.02                       | 1.59         | 07/05/2024 | 13:03     |
| 3   | P3152-01DUP |                   | 1  | 5.04               | 50                | 2.00    | 0.00       | 1.92     | 1.92          | 0.08              | 0.02                       | 1.59         | 07/05/2024 | 13:06     |
| 4   | P3152-05    |                   | 1  | 5.02               | 50                | 2.00    | 0.00       | 1.86     | 1.86          | 0.14              | 0.08                       | 6.37         | 07/05/2024 | 13:08     |
| 5   | P3157-02    |                   | 1  | 5.03               | 50                | 2.00    | 0.00       | 1.90     | 1.90          | 0.10              | 0.04                       | 3.18         | 07/05/2024 | 13:11     |
| 6   | P3157-05    |                   | 1  | 5.05               | 50                | 2.00    | 0.00       | 1.90     | 1.90          | 0.10              | 0.04                       | 3.17         | 07/05/2024 | 13:14     |
| 7   | P3157-08    |                   | 1  | 5.03               | 50                | 2.00    | 0.00       | 1.88     | 1.88          | 0.12              | 0.06                       | 4.77         | 07/05/2024 | 13:17     |
| 8   | P3157-11    |                   | 1  | 5.05               | 50                | 2.00    | 0.00       | 1.92     | 1.92          | 0.08              | 0.02                       | 1.58         | 07/05/2024 | 13:20     |

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