

Analysis Method: 9034

ANALYST: Rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB125303

Constant: 16000

Normality1: 0.025

Normality2: 0.025

| Reagent/Standard                   | Lot/Log # |
|------------------------------------|-----------|
| SODIUM THIOSULFATE, 0.025N, 4LITRE | W2976     |
| IODINE SOLUTION .025N 1L           | W2924     |
| 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   | PB152531BL  |                   | 1  | 5.00               | 50                | 2.00    | 0.00       | 1.92     | 1.92          | 0.08              | 0.00                       | 0.00         | 05/05/2023 | 11:00     |
| 2   | O2556-01    |                   | 1  | 5.04               | 50                | 2.00    | 0.00       | 1.86     | 1.86          | 0.14              | 0.06                       | 4.76         | 05/05/2023 | 11:03     |
| 3   | O2556-01DUP |                   | 1  | 5.04               | 50                | 2.00    | 0.00       | 1.86     | 1.86          | 0.14              | 0.06                       | 4.76         | 05/05/2023 | 11:06     |
| 4   | O2598-02    |                   | 1  | 5.03               | 50                | 2.00    | 0.00       | 1.82     | 1.82          | 0.18              | 0.10                       | 7.95         | 05/05/2023 | 11:08     |
| 5   | O2598-05    |                   | 1  | 5.01               | 50                | 2.00    | 0.00       | 1.88     | 1.88          | 0.12              | 0.04                       | 3.19         | 05/05/2023 | 11:10     |
| 6   | O2611-01    |                   | 1  | 5.02               | 50                | 2.00    | 0.00       | 1.82     | 1.82          | 0.18              | 0.10                       | 7.97         | 05/05/2023 | 11:12     |
| 7   | O2624-06    |                   | 1  | 5.03               | 50                | 2.00    | 0.00       | 1.88     | 1.88          | 0.12              | 0.04                       | 3.18         | 05/05/2023 | 11:15     |
| 8   | O2624-07    |                   | 1  | 5.05               | 50                | 2.00    | 0.00       | 1.88     | 1.88          | 0.12              | 0.04                       | 3.17         | 05/05/2023 | 11:18     |
| 9   | O2624-08    |                   | 1  | 5.03               | 50                | 2.00    | 0.00       | 1.82     | 1.82          | 0.18              | 0.10                       | 7.95         | 05/05/2023 | 11:20     |
| 10  | O2626-01    |                   | 1  | 5.06               | 50                | 2.00    | 0.00       | 1.86     | 1.86          | 0.14              | 0.06                       | 4.74         | 05/05/2023 | 11:23     |
| 11  | O2630-01    |                   | 1  | 5.04               | 50                | 2.00    | 0.00       | 1.88     | 1.88          | 0.12              | 0.04                       | 3.17         | 05/05/2023 | 11:25     |

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