

Analysis Method: 9034

Parameter: Reactive Sulfide

Run Number: LB122879

ANALYST: Iwona

SUPERVISOR REVIEW BY: jignesh

Constant: 16000

Normality1: 0.025

Normality2: 0.025

| Reagent/Standard                   | Lot/Log # |
|------------------------------------|-----------|
| SODIUM THIOSULFATE, 0.025N, 4LITRE | W2941     |
| IODINE SOLUTION .025N 1L           | W2924     |
| Starch Solution, 4L                | W2766     |

| 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   | PB149027BL  |                   | 1  | 5.00               | 50                | 2.00    | 0.00       | 1.92     | 1.92          | 0.08              | 0.00                       | 0.00         | 11/14/2022 | 13:20     |
| 2   | N5531-03    |                   | 1  | 5.05               | 50                | 2.00    | 0.00       | 1.88     | 1.88          | 0.12              | 0.04                       | 3.17         | 11/14/2022 | 13:23     |
| 3   | N5531-03DUP |                   | 1  | 5.02               | 50                | 2.00    | 0.00       | 1.88     | 1.88          | 0.12              | 0.04                       | 3.19         | 11/14/2022 | 13:25     |
| 4   | N5531-05    |                   | 1  | 5.03               | 50                | 2.00    | 0.00       | 1.84     | 1.84          | 0.16              | 0.08                       | 6.36         | 11/14/2022 | 13:28     |
| 5   | N5531-07    |                   | 1  | 5.04               | 50                | 2.00    | 0.00       | 1.90     | 1.90          | 0.10              | 0.02                       | 1.59         | 11/14/2022 | 13:30     |
| 6   | N5531-09    |                   | 1  | 5.02               | 50                | 2.00    | 0.00       | 1.88     | 1.88          | 0.12              | 0.04                       | 3.19         | 11/14/2022 | 13:32     |
| 7   | N5531-11    |                   | 1  | 5.05               | 50                | 2.00    | 0.00       | 1.90     | 1.90          | 0.10              | 0.02                       | 1.58         | 11/14/2022 | 13:35     |
| 8   | N5531-14    |                   | 1  | 5.03               | 50                | 2.00    | 0.00       | 1.84     | 1.84          | 0.16              | 0.08                       | 6.36         | 11/14/2022 | 13:38     |
| 9   | N5531-16    |                   | 1  | 5.07               | 50                | 2.00    | 0.00       | 1.88     | 1.88          | 0.12              | 0.04                       | 3.16         | 11/14/2022 | 13:40     |
| 10  | N5531-18    |                   | 1  | 5.04               | 50                | 2.00    | 0.00       | 1.86     | 1.86          | 0.14              | 0.06                       | 4.76         | 11/14/2022 | 13:43     |
| 11  | N5537-02    |                   | 1  | 5.03               | 50                | 2.00    | 0.00       | 1.90     | 1.90          | 0.10              | 0.02                       | 1.59         | 11/14/2022 | 13:45     |
| 12  | N5538-02    |                   | 1  | 5.02               | 50                | 2.00    | 0.00       | 1.88     | 1.88          | 0.12              | 0.04                       | 3.19         | 11/14/2022 | 13:48     |

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

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| Reagent/Standard                   | Lot/Log # |
|------------------------------------|-----------|
| SODIUM THIOSULFATE, 0.025N, 4LITRE | W2941     |
| IODINE SOLUTION .025N 1L           | W2924     |
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| 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 |
|-----|----------|-------------------|----|--------------------|-------------------|---------|------------|----------|---------------|-------------------|----------------------------|--------------|------------|-----------|
| 13  | N5538-04 |                   | 1  | 5.06               | 50                | 2.00    | 0.00       | 1.82     | 1.82          | 0.18              | 0.10                       | 7.91         | 11/14/2022 | 13:50     |
| 14  | N5550-01 |                   | 1  | 5.04               | 50                | 2.00    | 0.00       | 1.86     | 1.86          | 0.14              | 0.06                       | 4.76         | 11/14/2022 | 13:52     |
| 15  | N5553-01 |                   | 1  | 5.05               | 50                | 2.00    | 0.00       | 1.90     | 1.90          | 0.10              | 0.02                       | 1.58         | 11/14/2022 | 13:55     |
| 16  | N5553-02 |                   | 1  | 5.07               | 50                | 2.00    | 0.00       | 1.86     | 1.86          | 0.14              | 0.06                       | 4.73         | 11/14/2022 | 13:58     |
| 17  | N5561-02 |                   | 1  | 5.05               | 50                | 2.00    | 0.00       | 1.90     | 1.90          | 0.10              | 0.02                       | 1.58         | 11/14/2022 | 14:00     |
| 18  | N5561-04 |                   | 1  | 5.03               | 50                | 2.00    | 0.00       | 1.88     | 1.88          | 0.12              | 0.04                       | 3.18         | 11/14/2022 | 14:03     |
| 19  | N5561-06 |                   | 1  | 5.08               | 50                | 2.00    | 0.00       | 1.88     | 1.88          | 0.12              | 0.04                       | 3.15         | 11/14/2022 | 14:05     |
| 20  | N5598-02 |                   | 1  | 5.01               | 50                | 2.00    | 0.00       | 1.90     | 1.90          | 0.10              | 0.02                       | 1.60         | 11/14/2022 | 14:08     |
| 21  | N5598-13 |                   | 1  | 5.04               | 50                | 2.00    | 0.00       | 1.84     | 1.84          | 0.16              | 0.08                       | 6.35         | 11/14/2022 | 14:10     |

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