

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: mohammad

Run Number: LB121119

Constant: 16000

Normality1: 0.025

Normality2: 0.025

| Reagent/Standard                   | Lot/Log # |
|------------------------------------|-----------|
| SODIUM THIOSULFATE, 0.025N, 4LITRE | W2843     |
| 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   | PB146285BL  |                   | 1  | 5.00               | 50                | 2.00    | 0.00       | 1.96     | 1.96          | 0.04              | 0.00                       | 0.00         | 07/18/2022 | 15:40     |
| 2   | N3730-02    |                   | 1  | 5.05               | 50                | 2.00    | 1.96       | 3.86     | 1.90          | 0.10              | 0.06                       | 4.75         | 07/18/2022 | 15:42     |
| 3   | N3730-02DUP |                   | 1  | 5.04               | 50                | 2.00    | 3.86       | 5.78     | 1.92          | 0.08              | 0.04                       | 3.17         | 07/18/2022 | 15:45     |
| 4   | N3730-04    |                   | 1  | 5.06               | 50                | 2.00    | 5.78       | 7.72     | 1.94          | 0.06              | 0.02                       | 1.58         | 07/18/2022 | 15:48     |
| 5   | N3730-06    |                   | 1  | 5.07               | 50                | 2.00    | 0.00       | 1.92     | 1.92          | 0.08              | 0.04                       | 3.16         | 07/18/2022 | 15:50     |
| 6   | N3730-08    |                   | 1  | 5.09               | 50                | 2.00    | 1.92       | 3.80     | 1.88          | 0.12              | 0.08                       | 6.29         | 07/18/2022 | 15:52     |
| 7   | N3731-02    |                   | 1  | 5.08               | 50                | 2.00    | 3.80       | 5.70     | 1.90          | 0.10              | 0.06                       | 4.72         | 07/18/2022 | 15:55     |
| 8   | N3731-04    |                   | 1  | 5.06               | 50                | 2.00    | 5.70       | 7.64     | 1.94          | 0.06              | 0.02                       | 1.58         | 07/18/2022 | 15:58     |

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