

Analysis Method: 9034

Parameter: Reactive Sulfide

Run Number: LB127040

ANALYST: Rubina

SUPERVISOR REVIEW BY: jignesh

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 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   | PB155109BL  |                   | 1  | 50                  | 50                | 2.00    | 0.00       | 1.92     | 1.92          | 0.08              | 0.00                       | 0.00         | 08/28/2023 | 10:10     |
| 2   | O4151-01    |                   | 1  | 50                  | 50                | 2.00    | 0.00       | 1.90     | 1.90          | 0.10              | 0.02                       | 0.16         | 08/28/2023 | 10:13     |
| 3   | O4151-01DUP |                   | 1  | 50                  | 50                | 2.00    | 0.00       | 1.90     | 1.90          | 0.10              | 0.02                       | 0.16         | 08/28/2023 | 10:15     |
| 4   | O4165-05    |                   | 1  | 50                  | 50                | 2.00    | 0.00       | 1.82     | 1.82          | 0.18              | 0.10                       | 0.80         | 08/28/2023 | 10:18     |
| 5   | O4168-03    |                   | 1  | 50                  | 50                | 2.00    | 0.00       | 1.86     | 1.86          | 0.14              | 0.06                       | 0.48         | 08/28/2023 | 10:20     |
| 6   | O4171-01    |                   | 1  | 50                  | 50                | 2.00    | 0.00       | 1.88     | 1.88          | 0.12              | 0.04                       | 0.32         | 08/28/2023 | 10:23     |

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