

Analysis Method: 9034  
 Parameter: Reactive Sulfide  
 Run Number: LB118011

ANALYST: ketankumar  
 SUPERVISOR REVIEW BY: apatel  
 Constant: 16000  
 Normality1: 0.025  
 Normality2: 0.025

| Reagent/Standard                   | Lot/Log # |
|------------------------------------|-----------|
| SODIUM THIOSULFATE, 0.025N, 4LITRE | W2843     |
| IODINE SOLUTION .025N 1L           | W2864     |
| Starch Solution, 4L                | W2703     |

| 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   | PB141750BL  |                   | 1  | 5.00               | 50                | 2.00    | 0.00       | 1.94     | 1.94          | 0.06              | 0.00                       | 0.00         | 12/29/2021 | 11:20     |
| 2   | M5237-02    |                   | 1  | 5.05               | 50                | 2.00    | 1.94       | 3.84     | 1.90          | 0.10              | 0.04                       | 3.17         | 12/29/2021 | 11:22     |
| 3   | M5237-02DUP |                   | 1  | 5.04               | 50                | 2.00    | 3.84       | 5.76     | 1.92          | 0.08              | 0.02                       | 1.59         | 12/29/2021 | 11:25     |
| 4   | M5237-05    |                   | 1  | 5.05               | 50                | 2.00    | 5.76       | 7.64     | 1.88          | 0.12              | 0.06                       | 4.75         | 12/29/2021 | 11:28     |
| 5   | M5241-02    |                   | 1  | 5.07               | 50                | 2.00    | 0.00       | 1.90     | 1.90          | 0.10              | 0.04                       | 3.16         | 12/29/2021 | 11:30     |
| 6   | M5241-05    |                   | 1  | 5.06               | 50                | 2.00    | 1.90       | 3.76     | 1.86          | 0.14              | 0.08                       | 6.32         | 12/29/2021 | 11:32     |

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