

Analysis Method: 9034  
 Parameter: Sulfide  
 Run Number: LB112815

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

| Reagent/Standard                  | Lot/Log # |
|-----------------------------------|-----------|
| Sodium thiosulfate titrant 0.025N | WP88904   |
| IODINE SOLUTION .025N 1L          | W2763     |
| 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) | AnalDate   | Anal Time |
|-----|-------------|-------------------|----|--------------------|-------------------|---------|------------|----------|---------------|-------------------|----------------------------|--------------|------------|-----------|
| 1   | PB134175BL  |                   | 1  | 5.00               | 50                | 5.00    | 0.00       | 4.90     | 4.90          | 0.10              | 0.00                       | 0.00         | 01/15/2021 | 15:35     |
| 2   | PB134175BS  | 250               | 1  | 5.00               | 50                | 5.00    | 0.00       | 2.26     | 2.26          | 2.74              | 2.64                       | 211.20       | 01/15/2021 | 15:38     |
| 3   | M1153-01    |                   | 1  | 5.02               | 50                | 5.00    | 0.00       | 4.70     | 4.70          | 0.30              | 0.20                       | 15.94        | 01/15/2021 | 15:42     |
| 4   | M1153-01DUP |                   | 1  | 5.03               | 50                | 5.00    | 4.70       | 9.42     | 4.72          | 0.28              | 0.18                       | 14.31        | 01/15/2021 | 15:45     |
| 5   | M1153-01MS  | 250               | 1  | 5.06               | 50                | 5.00    | 0.00       | 3.16     | 3.16          | 1.84              | 1.74                       | 137.55       | 01/15/2021 | 15:48     |
| 6   | M1153-01MSD | 250               | 1  | 5.06               | 50                | 5.00    | 3.16       | 6.34     | 3.18          | 1.82              | 1.72                       | 135.97       | 01/15/2021 | 15:52     |

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