

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB117471

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) | AnalDate | Anal Time |
|-----|-------------|-------------------|----|--------------------|-------------------|---------|------------|----------|---------------|-------------------|----------------------------|--------------|------------|-----------|
| 1 | PB140920BL | | 1 | 5.00 | 50 | 5.00 | 0.00 | 4.90 | 4.90 | 0.10 | 0.00 | 0.00 | 11/20/2021 | 11:35 |
| 2 | PB140920BS | 250 | 1 | 5.00 | 50 | 5.00 | 0.00 | 2.28 | 2.28 | 2.72 | 2.62 | 209.60 | 11/20/2021 | 11:38 |
| 3 | M4770-01 | | 1 | 5.02 | 50 | 5.00 | 0.00 | 4.62 | 4.62 | 0.38 | 0.28 | 22.31 | 11/20/2021 | 11:40 |
| 4 | M4770-01DUP | | 1 | 5.03 | 50 | 5.00 | 4.62 | 9.26 | 4.64 | 0.36 | 0.26 | 20.68 | 11/20/2021 | 11:42 |
| 5 | M4770-01MS | 250 | 1 | 5.06 | 50 | 5.00 | 0.00 | 3.88 | 3.88 | 1.12 | 1.02 | 80.63 | 11/20/2021 | 11:45 |
| 6 | M4770-01MSD | 250 | 1 | 5.06 | 50 | 5.00 | 3.88 | 7.74 | 3.86 | 1.14 | 1.04 | 82.21 | 11/20/2021 | 11:48 |
| 7 | M4770-03 | | 1 | 5.06 | 50 | 5.00 | 0.00 | 4.50 | 4.50 | 0.50 | 0.40 | 31.62 | 11/20/2021 | 11:50 |
| 8 | M4770-05 | | 1 | 5.07 | 50 | 5.00 | 4.50 | 8.90 | 4.40 | 0.60 | 0.50 | 39.45 | 11/20/2021 | 11:52 |
| 9 | M4770-07 | | 1 | 5.09 | 50 | 5.00 | 0.00 | 4.54 | 4.54 | 0.46 | 0.36 | 28.29 | 11/20/2021 | 11:55 |

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