# CHEMTECH

**Analytical Summary Report**

Analysis Method: 9034

Parameter: Sulfide

Run Number: LB86636

ANALYST: ketankumar

SUPERVISOR REVIEW BY: apatel

Constant: 16000

Normality1: 0.025

Normality2: 0.025

| Reagent/Standard | Lot/Log # |
|---|---|
| SODIUM THIOSULFATE,0.025N,4LITRE | W2169 |
| IODINE SOLUTION  .025N    1L | W2205 |
| Starch Solution, 4L | W2121 |

| 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) | AnalDate | Anal Time |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | PB97936BL |  | 1 | 50 | 50 | 5.00 | 0.00 | 5.00 | 5.00 | 0.00 | 0.00 | 0.00 | 03/30/2017 | 12:00 |
| 2 | PB97936BS | 25 | 1 | 50 | 50 | 5.00 | 0.00 | 2.44 | 2.44 | 2.56 | 2.56 | 20.48 | 03/30/2017 | 12:04 |
| 3 | I2437-01 |  | 1 | 50 | 50 | 10.00 | 2.44 | 2.62 | 0.18 | 9.82 | 9.82 | 78.56 | 03/30/2017 | 12:09 |
| 4 | I2437-01DUP |  | 1 | 50 | 50 | 10.00 | 2.62 | 2.78 | 0.16 | 9.84 | 9.84 | 78.72 | 03/30/2017 | 12:13 |
| 5 | I2437-01MS | 25 | 1 | 50 | 50 | 10.00 | 2.78 | 2.88 | 0.10 | 9.90 | 9.90 | 79.20 | 03/30/2017 | 12:18 |
| 6 | I2437-01MSD | 25 | 1 | 50 | 50 | 10.00 | 2.88 | 2.96 | 0.08 | 9.92 | 9.92 | 79.36 | 03/30/2017 | 12:25 |
| 7 | I2437-02 |  | 1 | 50 | 50 | 5.00 | 0.00 | 4.00 | 4.00 | 1.00 | 1.00 | 8.00 | 03/30/2017 | 12:30 |
| 8 | I2437-03 |  | 1 | 50 | 50 | 5.00 | 4.00 | 7.60 | 3.60 | 1.40 | 1.40 | 11.20 | 03/30/2017 | 12:34 |

**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**