

Analysis Method: 9034  
 Parameter: Sulfide  
 Run Number: LB103969

ANALYST: ketankumar  
 SUPERVISOR REVIEW BY: apatel  
 Constant: 16000  
 Normality1: 0.03  
 Normality2: 0.03

| Reagent/Standard                  | Lot/Log # |
|-----------------------------------|-----------|
| Sodium thiosulfate titrant 0.025N | WP74519   |
| IODINE SOLUTION .025N 1L          | W2480     |
| Starch Solution, 4L               | W2379     |

| 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   | PB121115BL  |                   | 1  | 50                  | 50                | 5.00    | 0.00       | 4.78     | 4.78          | 0.22              | 0.00                       | 0.00         | 07/02/2019 | 14:30     |
| 2   | PB121115BS  | 25                | 1  | 50                  | 50                | 5.00    | 0.00       | 2.20     | 2.20          | 2.80              | 2.58                       | 20.64        | 07/02/2019 | 14:32     |
| 3   | K3591-07    |                   | 1  | 50                  | 50                | 5.00    | 0.00       | 4.70     | 4.70          | 0.30              | 0.08                       | 0.64         | 07/02/2019 | 14:35     |
| 4   | K3591-08    |                   | 1  | 50                  | 50                | 5.00    | 0.00       | 4.64     | 4.64          | 0.36              | 0.14                       | 1.12         | 07/02/2019 | 14:38     |
| 5   | K3605-01    |                   | 1  | 50                  | 50                | 5.00    | 0.00       | 1.64     | 1.64          | 3.36              | 3.14                       | 25.12        | 07/02/2019 | 14:45     |
| 6   | K3605-01DUP |                   | 1  | 50                  | 50                | 5.00    | 1.64       | 3.30     | 1.66          | 3.34              | 3.12                       | 24.96        | 07/02/2019 | 14:48     |
| 7   | K3605-01MS  | 25                | 1  | 50                  | 50                | 5.00    | 3.30       | 3.64     | 0.34          | 4.66              | 4.44                       | 35.52        | 07/02/2019 | 14:52     |
| 8   | K3605-01MSD | 25                | 1  | 50                  | 50                | 5.00    | 3.64       | 4.00     | 0.36          | 4.64              | 4.42                       | 35.36        | 07/02/2019 | 14:55     |
| 9   | K3605-02    |                   | 1  | 50                  | 50                | 5.00    | 0.00       | 2.92     | 2.92          | 2.08              | 1.86                       | 14.88        | 07/02/2019 | 14:58     |

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