

Analysis Method: 9034  
 Parameter: Sulfide  
 Run Number: LB103707

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   | PB121028BL  |                   | 1  | 50                  | 50                | 5.00    | 0.00       | 4.60     | 4.60          | 0.40              | 0.00                       | 0.00         | 06/28/2019 | 15:25     |
| 2   | PB121028BS  | 25                | 1  | 50                  | 50                | 5.00    | 0.00       | 1.98     | 1.98          | 3.02              | 2.62                       | 20.96        | 06/28/2019 | 15:28     |
| 3   | K3556-01    |                   | 1  | 50                  | 50                | 5.00    | 0.00       | 4.36     | 4.36          | 0.64              | 0.24                       | 1.92         | 06/28/2019 | 15:32     |
| 4   | K3556-01DUP |                   | 1  | 50                  | 50                | 5.00    | 4.36       | 8.74     | 4.38          | 0.62              | 0.22                       | 1.76         | 06/28/2019 | 15:35     |
| 5   | K3556-01MS  | 25                | 1  | 50                  | 50                | 5.00    | 0.00       | 1.88     | 1.88          | 3.12              | 2.72                       | 21.76        | 06/28/2019 | 15:38     |
| 6   | K3556-01MSD | 25                | 1  | 50                  | 50                | 5.00    | 1.88       | 3.78     | 1.90          | 3.10              | 2.70                       | 21.60        | 06/28/2019 | 15:42     |
| 7   | K3556-02    |                   | 1  | 50                  | 50                | 5.00    | 0.00       | 4.54     | 4.54          | 0.46              | 0.06                       | 0.48         | 06/28/2019 | 15:45     |
| 8   | K3556-03    |                   | 1  | 50                  | 50                | 5.00    | 4.54       | 9.06     | 4.52          | 0.48              | 0.08                       | 0.64         | 06/28/2019 | 15:48     |
| 9   | K3556-04    |                   | 1  | 50                  | 50                | 5.00    | 0.00       | 4.42     | 4.42          | 0.58              | 0.18                       | 1.44         | 06/28/2019 | 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