

Analysis Method: 9034  
 Parameter: Reactive Sulfide  
 Run Number: LB96673

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

| Reagent/Standard                   | Lot/Log # |
|------------------------------------|-----------|
| SODIUM THIOSULFATE, 0.025N, 4LITRE | W2337     |
| IODINE SOLUTION .025N 1L           | W2349     |
| Starch Solution, 4L                | W2277     |

| 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) | Anal Date  | Anal Time |
|-----|-------------|-------------------|----|--------------------|-------------------|---------|------------|----------|---------------|-------------------|----------------------------|--------------|------------|-----------|
| 1   | PB111157BL  |                   | 1  | 5.01               | 50                | 2.00    | 0.00       | 1.76     | 1.76          | 0.24              | 0.00                       | 0.00         | 07/16/2018 | 14:02     |
| 2   | J3819-02    |                   | 1  | 5.03               | 50                | 2.00    | 1.76       | 3.26     | 1.50          | 0.50              | 0.26                       | 20.68        | 07/16/2018 | 14:05     |
| 3   | J3819-02DUP |                   | 1  | 5.02               | 50                | 2.00    | 3.26       | 4.78     | 1.52          | 0.48              | 0.24                       | 19.12        | 07/16/2018 | 14:08     |
| 4   | J3819-04    |                   | 1  | 5.03               | 50                | 2.00    | 0.00       | 1.72     | 1.72          | 0.28              | 0.04                       | 3.18         | 07/16/2018 | 14:10     |
| 5   | J3819-06    |                   | 1  | 5.04               | 50                | 2.00    | 1.72       | 3.04     | 1.32          | 0.68              | 0.44                       | 34.92        | 07/16/2018 | 14:12     |
| 6   | J3819-08    |                   | 1  | 5.01               | 50                | 2.00    | 3.04       | 4.70     | 1.66          | 0.34              | 0.10                       | 7.98         | 07/16/2018 | 14:15     |
| 7   | J3829-02    |                   | 1  | 5.05               | 50                | 2.00    | 4.70       | 6.24     | 1.54          | 0.46              | 0.22                       | 17.43        | 07/16/2018 | 14:18     |
| 8   | J3829-04    |                   | 1  | 5.02               | 50                | 2.00    | 6.24       | 7.78     | 1.54          | 0.46              | 0.22                       | 17.53        | 07/16/2018 | 14:20     |
| 9   | J3829-06    |                   | 1  | 5.00               | 50                | 2.00    | 7.78       | 9.20     | 1.42          | 0.58              | 0.34                       | 27.20        | 07/16/2018 | 14:22     |
| 10  | J3996-06    |                   | 1  | 5.01               | 50                | 2.00    | 0.00       | 1.20     | 1.20          | 0.80              | 0.56                       | 44.71        | 07/16/2018 | 14:25     |
| 11  | J3997-04    |                   | 1  | 5.03               | 50                | 2.00    | 1.20       | 2.50     | 1.30          | 0.70              | 0.46                       | 36.58        | 07/16/2018 | 14:28     |
| 12  | J3997-08    |                   | 1  | 5.02               | 50                | 2.00    | 2.50       | 4.00     | 1.50          | 0.50              | 0.26                       | 20.72        | 07/16/2018 | 14:30     |

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

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|-----|----------|-------------------|----|--------------------|-------------------|---------|------------|----------|---------------|-------------------|----------------------------|--------------|------------|-----------|
| 13  | J3997-12 |                   | 1  | 5.04               | 50                | 2.00    | 4.00       | 5.48     | 1.48          | 0.52              | 0.28                       | 22.22        | 07/16/2018 | 14:32     |
| 14  | J3997-16 |                   | 1  | 5.00               | 50                | 2.00    | 5.48       | 6.96     | 1.48          | 0.52              | 0.28                       | 22.40        | 07/16/2018 | 14:35     |

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