

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB111456

Constant: 16000

Normality1: 0.025

Normality2: 0.025

| Reagent/Standard                  | Lot/Log # |
|-----------------------------------|-----------|
| Sodium thiosulfate titrant 0.025N | WP87313   |
| IODINE SOLUTION .025N 1L          | W2670     |
| 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   | PB132308BL |                   | 1  | 5.04               | 50                | 5.00    | 0.00       | 4.90     | 4.90          | 0.10              | 0.00                       | 0.00         | 10/12/2020 | 15:15     |
| 2   | PB132308BS | 250               | 1  | 5.05               | 50                | 5.00    | 0.00       | 2.20     | 2.20          | 2.80              | 2.70                       | 213.86       | 10/12/2020 | 15:18     |
| 3   | L4214-03   |                   | 1  | 5.02               | 50                | 5.00    | 0.00       | 4.86     | 4.86          | 0.14              | 0.04                       | 3.19         | 10/12/2020 | 15:22     |

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