

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB117118

Constant: 16000

Normality1: 0.025

Normality2: 0.025

| Reagent/Standard | Lot/Log # |
|------------------------------------|-----------|
| SODIUM THIOSULFATE, 0.025N, 4LITRE | W2843 |
| IODINE SOLUTION .025N 1L | W2864 |
| 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 | PB140393BL | | 1 | 5.00 | 50 | 5.00 | 0.00 | 4.92 | 4.92 | 0.08 | 0.00 | 0.00 | 11/01/2021 | 13:05 |
| 2 | PB140393BS | 250 | 1 | 5.00 | 50 | 5.00 | 0.00 | 2.30 | 2.30 | 2.70 | 2.62 | 209.60 | 11/01/2021 | 13:08 |
| 3 | M4068-03 | | 1 | 5.02 | 50 | 5.00 | 0.00 | 4.88 | 4.88 | 0.12 | 0.04 | 3.19 | 11/01/2021 | 13:12 |

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