

Tiopronin JPC2002

Batch no

C44-2508001

Mf date Retest Aug 01 2025 Jul 31 2027

Batch size

-100 kg

Molecular Structure

Molecular Formula

 $C_5H_9NO_3S$

Molecular Weight

163.19

CAS Registry Number

1953-02-2

Aug 18 2025

| <u>Tests</u> | Specifications | <u>Results</u> |
|---------------------------|---|---------------------|
| Appearance Identification | White crystal or crystalline powder, a special odor | Conforms |
| Melting point | Meets the requirements | Positive |
| pH | 96 ~ 99°C | 97 ~ 98°C |
| | 1.5 ~ 3.0 | 2. 0 |
| Solution clarity | Clear and colorless | Conforms |
| Sulfate | ≤ 0.048% | Conforms |
| Loss on drying | ≤ 0.5% | 0. 04% |
| Related substances | ≤ 2.0% | 0. 11% |
| Residue on ignition | ≤ 0.1% | 0. 037% |
| Heavy metals | ≤ 20 ppm | Conforms |
| Arsenic salt | ≤ 2 ppm | Conforms |
| Ferric salt | ≤ 5 ppm | S MINISTER S COLUMN |
| Assay (odb) | \geq 98.5% of C ₅ H ₉ NO ₃ S | Conforms |
| (Odb) | = 30. 3/0 01 05HgH033 | 99. 7% |

| Packaging & storage | Preserve in tight container | ~ - |
|---------------------|--------------------------------|-----|
| Conclusion | Material complies with JPC2002 | y |

