

Tiopronin JPC2002

Batch no

C44-2408006

Mf date

Aug 04 2024

Retest

Aug 03 2026

Batch size

100 kg

Molecular Structure

Molecular Formula

 $C_5H_9NO_3S$

Molecular Weight

163.19

CAS Registry Number

1953-02-2

Aug 23 2024

Tests	<u>Specifications</u>	Results
Appearance	White crystal or crystalline powder, a special odor	Conforms
Identification	Meets the requirements	Positive
Melting point	96 ~ 99°C	97. 8°C
pH	1.5 ~ 3.0	2. 1
Solution clarity	Clear and colorless	Conforms
Sulfate	≤ 0.048%	Conforms
Loss on drying	≤ 0.5%	0. 05%
Related substances	≤ 2.0%	0. 15%
Residue on ignition	≤ 0.1%	0. 03%
Heavy metals	≤ 20 ppm	Conforms
Arsenic salt	≤ 2 ppm	Conforms
Ferric salt	≤5 ppm	Conforms
Assay (odb)	\geq 98.5% of $C_5H_9NO_3S$	99.9%

Packaging & storage	Preserve in tight container	÷
Conclusion	Material complies with JPC2002	

