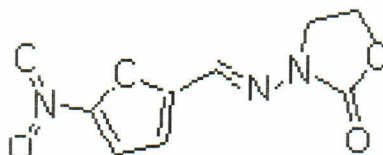


Batch no 20251201
 Mf date Dec 05 2025
 Expiry Dec 04 2028
 Batch size 1017.5 kg

Molecular Structure



Molecular Formula $C_8H_7N_3O_5$

Molecular Weight 225.16

CAS Registry Number 67-45-8

Mar 30 2026

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	Yellow crystalline powder	Conforms
Solubility	Very slightly soluble in water and in ethanol (96%); slightly soluble in chloroform; practically insoluble in ether	Conforms
Identification	IR, color test	Positive
Sulphated ash	≤ 0.1%	0.05%
Loss on drying (105°C)	≤ 0.5%	0.38%
pH	4.5 ~ 7.0	5.9
Nitrofurfural diacetate	≤ 1.0%	Conforms
Residual solvents	Meets the requirements	Conforms
Assay (odb)	97.0 ~ 103.0% of $C_8H_7N_3O_5$	99.29%

Packaging and storage	Preserve in tight, light-resistant containers, and avoid exposure to direct sunlight
Conclusion	Material complies with BP2021