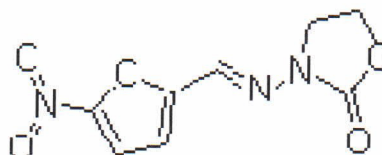


Batch no 20230901  
 Mf date Sep 10 2023  
 Expiry Sep 09 2026  
 Batch size 1013.8 kg

Molecular Structure



Molecular Formula  $C_8H_7N_3O_5$

Molecular Weight 225.16

CAS Registry Number 67-45-8

Nov 07 2023

<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	$\leq 0.1\%$	0.05%
Loss on drying (105°C)	$\leq 0.5\%$	0.29%
pH	4.5 ~ 7.0	5.9
Nitrofurfural diacetate	$\leq 1.0\%$	Conforms
Residual solvents	Meets the requirements	Conforms
Assay (odb)	97.0 ~ 103.0% of $C_8H_7N_3O_5$	99.31%

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