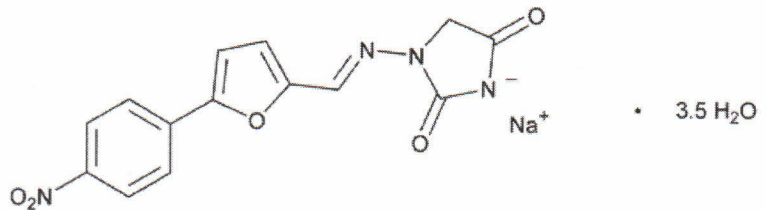




Batch no 20241001  
 Mf date Oct 09 2024  
 Retest date Oct 08 2028

Molecular Structure



Molecular Formula  $C_{14}H_9N_4NaO_5 \cdot 3\frac{1}{2}H_2O$   
 Molecular Weight 399.29  
 CAS Registry Number 24868-20-0

Oct 11 2024

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	Yellowish-orange to orange crystalline powder, no visible evidence of contamination by foreign matter	Orange crystalline powder
Identification	IR, RRT, sodium flame test, test D	Positive
Water	14.5 ~ 17.0%	14.8%
Residual solvents	Ethanol ≤ 2000 ppm	753 ppm
	Methanol ≤ 2000 ppm	ND
	Acetone ≤ 2000 ppm	ND
	DMF ≤ 620 ppm	ND
Related substances	Related compound A ≤ 0.15%	ND
	Related compound B ≤ 0.5%	0.19%
	Related compound C ≤ 0.3%	0.05%
Assay (oab)	90.0 ~ 96.0% of $C_{14}H_{10}N_4O_5$	94.8%

Packaging & storage	Preserve in tight, light-resistant containers. Store at room temperature
Conclusion	Material complies with USP43