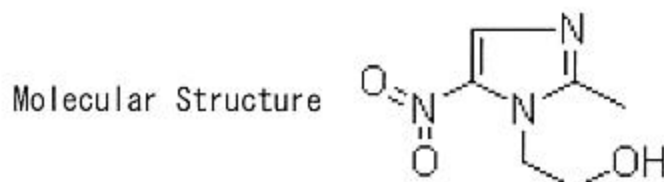


Batch no ZH22091502  
 Mf date Sep 15 2022  
 Expiry Sep 14 2026  
 Batch size 1,000 kg



Molecular Formula  $C_6H_9N_3O_3$   
 Molecular Weight 171.15  
 CAS Registry Number 443-48-1

Sep 27 2022

Tests	Specifications	Results
Appearance	A white or yellowish crystalline powder	White powder
Solubility	Slightly soluble in water, in acetone, in alcohol and in methylene chloride	Conforms
Identification	IR	Positive
Appearance of solution	≤ Suspension II and reference solution GY <sub>6</sub>	Conforms
Specific absorbance	365 ~ 395	376
Melting range	159 ~ 163°C	161.0 ~ 161.6°C
Loss on drying (105°C, 3hr)	≤ 0.5%	0.14%
Heavy metals	≤ 20 ppm	< 20 ppm
Residue on ignition	≤ 0.1%	0.06%
Related substances	Any impurity ≤ 0.1% Total impurities ≤ 0.2% Disregard limited ≤ 0.01%	0.01% 0.06% Conforms
Residual solvents	Ethylene oxide ≤ 0.15 ppm Formic Acid ≤ 124 ppm	ND ND
Particle size	100% pass thru 40-80 mesh	Conforms
Assay (odb)	99.0 ~ 101.0% of $C_6H_9N_3O_3$	99.7%

Packaging & storage	Store in a well-closed container, protected from light
Conclusion	Material complies with BP2021