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CERTIFICATE OF ANALYSIS

Factory price Ornidazole Powder CAS 16773-42-5

Ornidazole is a new generation nitroimidazoles drug used in antimicrobial and antitrichomonal.

Products Name	Ornidazole
CAS No.	16773-42-5
Molecular Formula	C ₇ H ₁₀ CIN ₃ O ₃
Molecular Weight	219.63
Appearance	White Powder
Assay	99%
Grade	Pharmaceutical Grade

Specification

Items	Standards	Results
Appearance	White or white yellow crystalline powder, light-sensitive, without smell	Complies
Solubility	Soluble in ethanol, slightly soluble in water	Complies
Heavy Metal	≤20ppm	Complies
Melting Point	85~90°C	87.9~89.4°C
Sulphated ash	≤0.1%	0.05%
2-Methyl-5-nitroimidazole (TLC)	≤0.2%	ND
Chloride	≤0.02%	Complies
Sulfates	≤0.025%	Complies
Ammonium salt	≤0.03%	Complies
Loss on drying	≤0.5%	0.03%
Iron	≤0.002%	Complies
Assay (on the anhydrous basis)	≥99.0%	100.0%