



Fenda

CERTIFICATE OF ANALYSIS (COA)

FENBENDAZOLE

Quality Protocol

CAS No.:	Molecular formula	Molecular weight
43210-67-9	C ₁₅ H ₁₃ N ₃ O ₂ S	299.35

Analysis Method	Specification	Result
Description	A white or almost white powder.	Almost white powder

FTIR	Conforms to structure	Conforms
HPLC analysis	Calculated on the anhydrous substance, Not less than 99%	99.60%

Batch Number: FDD 25-10	Manufacture Date: 10 30 2025	Storage: Store in tight, light-resistant container, avoid exposure to direct sunlight, moisture and excessive heat.
Report Date: 11 07 2025	Expiry Date: 10 2027	

The HPLC analysis was performed using the Agilent 1260 Infinity II system. 20mg of sample was weighted, mixed with 4 mL MeOH and hydrochloric acid (99:1). The analysis injection volume was 10 µL. Chromatographic separation was performed on column ZORBAX Extend (C18, 1,8µm particle size, 3x100 mm) with column temperature set at 20°C. Mobile Phase A – Methanol:Acetic acid:Water (30:1:70); B – Methanol:Acetic acid:Water (70:1:30); Flow speed 1.0 mL/min, Gradient 0 min 0% B; 10 min 100% B, 40 min 100% B, 50 min 0% B. The detector – VWD 280 nm.

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