

Certificate of Analysis

Date of Testing: 2025-04-15 16:16:04
Date of Next Testing: 2027-04-15 16:16:04
Product Name: **Econazole nitrate**
CAS Number: 24169-02-6
Specifications & Purity: $\geq 98\%$ (HPLC)
Lot #: G2308085
SKU #: **E129267**
Version: **0**
Analysis #: **494960**

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	9-9.8 (%)	9.60 %
Carbon by Elemental Analysis	47.2-49.6 (%)	49.00 %
Water by Karl Fischer	0-0.5 (%)	0.30 %
Purity(HPLC)	98-100 (%)	99.03000 %
Purity(Nonaqueous Titration)	97.5-102.5 (%)	97.80 %
Appearance (E129267)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in CHCL ₃ /MeOH (1/1) , Colorless to Yellow Clear,some Insolubles,25mg/ml	pass	Pass



John Su
QA & QC Manager