

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-10 15:45:24

Date of Next Testing: 2025-07-09 15:45:24

Product Name: **Econazole nitrate**

CAS Number: 24169-02-6

Specifications & Purity: $\geq 98\%$ (HPLC)

Lot #: I2127156

SKU # **E129267**

Version **0**

Analysis #: **249494**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	9-9.8 (%)	9.23500 %
Carbon by Elemental Analysis	47.2-49.6 (%)	48.67000 %
Water by Karl Fischer	0-0.5 (%)	0.20820 %
Purity(HPLC)	98-100 (%)	98.03000 %
Purity(Nonaqueous Titration)	97.5-102.5 (%)	98.64500 %
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