

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-16 11:25:37

Date of Next Testing: 2027-09-16 11:25:37

Product Name: **Ketoconazole**

CAS Number: 65277-42-1

Specifications & Purity: Moligand™, ≥98%

Lot #: I2511007

SKU # **K129737**

Version **0**

Analysis #: **099856**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	10.2-10.8 (%)	10.50000 %
Purity(HPLC)	98-100 (%)	99.51800 %
Carbon by Elemental Analysis	57.6-59.9 (%)	58.40000 %
Specific Rotation [α] ₂₀ /D(c=4 in MeOH)	-1-1 (°)	-0.23000 °
Solvent Content (by GC)	0-2 (%)	0.19000 %
Melting point	148-152 (°C)	150.52000 °C
Appearance (K129737)	White to light brown crystalline powder	White to light brown crystalline powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH , Faint Yellow to Yellow Clear,50 mg/ml	pass	Pass



John Su
QA & QC Manager