

Certificate of Analysis

Date of Testing: 2024-04-24 17:15:00

Date of Next Testing: 2026-04-24 17:15:00

Product Name: **Ketoconazole**

CAS Number: 65277-42-1

Specifications & Purity: $\geq 98\%$

Lot #: D2422220

SKU #: **K129737**

Analysis: **335752**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	10.2-10.8 (%)	10.53 %
Purity(HPLC)	98-100 (%)	99.88900 %
Carbon by Elemental Analysis	57.6-59.9 (%)	58.63 %
Specific Rotation [a] _D (c=4 in MeOH)	-1-1 (°)	0.00°
Melting point	148-152 (°C)	149.30000 °C
Solvent Content (by GC)	0-2 (%)	0.10 %
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