

Certificate of Analysis

Date of Testing: 2024-03-05 14:57:29

Date of Next Testing: 2026-03-05 14:57:29

Product Name: **Ketoconazole**

CAS Number: 65277-42-1

Specifications & Purity: $\geq 98\%$

Lot #: H2005074

SKU #: **K129737**

Analysis: **326079**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	10.2-10.8 (%)	10.50%
Melting point	148-152 (°C)	149.58000 °C
Purity(HPLC)	98-100 (%)	99.30000%
Carbon by Elemental Analysis	57.6-59.9 (%)	58.70%
Specific Rotation [α] ₂₀ /D(c=4 in MeOH)	-1-1 (°)	0.12°
Solvent Content (by GC)	0-2 (%)	1.30%
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