

Specification Sheet

Product Name: **Ketoconazole**
Specifications & Purity: $\geq 98\%$
SKU #: **K129737**

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