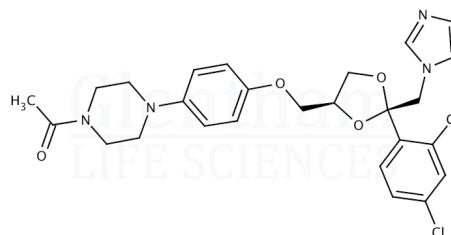


Certificate of Analysis

Product Name	Ketoconazole, EP grade
Glentham Code	GA1761
CAS Number	65277-42-1
EINECS	265-667-4
MDL Number	MFCD00058579
Batch Number	362UJM

Molecular Weight	531.43
Molecular Formula	C ₂₆ H ₂₈ Cl ₂ N ₄ O ₄
Storage Temp.	+4°C



Property	Specification	Batch 362UJM
Physical Description	White to almost white powder	White powder
Melting Point	148 - 152 °C	148.8 - 151.0 °C
Identification	B, C, D according to EP	Conforms
Solubility (10% in Dichloromethane)	Clear, colourless solution (≤ BY4)	Conforms
Specific Optical Rotation	-0.10 - +0.10 °	0 °
Related Substances	≤ 0.5% (total)	0.13%
Loss on Drying	≤ 0.5% (105°C)	0.08%
Sulphated Ash	≤ 0.1%	Conforms
Assay (Titration)	99.0 - 101.0 % (dried basis)	99.8%
Pharmacopoeia Specification(s)	EP	Conforms

Specification Version	v1.0
Manufacture Date	2020-06-05
Re-Test Date	2028-06-25

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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