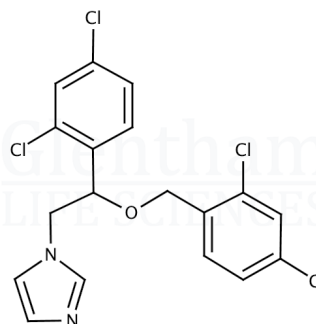


Certificate of Analysis

Product Name	Miconazole, EP grade
Glentham Code	GA2011
CAS Number	22916-47-8
EINECS	245-324-5
MDL Number	MFCD00216019
Batch Number	113UPN

Molecular Weight	416.13
Molecular Formula	$C_{18}H_{14}Cl_4N_2O$
Storage Temp.	+20°C



Property	Specification	Batch 113UPN
Physical Description	White or almost white powder	White powder
Melting Point	83 - 87 °C	84°C
Identification (IR)	To conform to standard	Conforms
Identification (TLC)	To pass test	Conforms
Solubility (1% in methanol)	Clear, colourless solution ($\leq Y_6$)	Conforms
Specific Optical Rotation	-0.10 - +0.10 ° (c=1, methanol)	+0.05°
Any Individual Impurity (HPLC)	$\leq 0.25\%$ (A, B, C, D, E, F, G)	0.05% (max.)
Total Impurities (HPLC)	$\leq 0.5\%$	0.1%
Sulphated Ash	$\leq 0.1\%$	0.02%
Loss on Drying	$\leq 0.5\%$ (in vacuo, 60°C, 4h)	0.2%
Assay	99.0 - 101.0 % (dried substance)	99.6%
Pharmacopoeia Specification(s)	EP	Conforms to EP

Specification Version	v1.0
Manufacture Date	2015-11-16
Re-Test Date	2025-04-30

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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