

Item Number	F1355
Item	Fluconazole, USP
CAS Number	86386-73-4
Molecular Formula	C ₁₃ H ₁₂ F ₂ N ₆ O
Molecular Weight	306.27
MDL Number	
Synonyms	2-(2,4-Difluorophenyl)-1,3-bis(1H-1,2,4-triazol-1-yl)propan-2-ol ; 2,4-Difluoro-?,?-1-bis(1H-1,2,4-triazol-1-ylmethyl)benzyl Alcohol ; 1-(2,4-Difluorophenyl)-1-(1H-1,2,4-triazol-1-ylmethyl)-1H-1,2,4-triazole-1-ethanol ; 2,4-Difluoro-1',1'-bis(1H-1,2,4-triazol-1-ylmethyl)benzyl Alcohol

Test	Specification	
	Min	Max
APPEARANCE		
IDENTIFICATION (A) FTIR	SPECTRUM MATCHES REFERENCE	
IDENTIFICATION (B)	RETENTION TIME CORRESPONDS TO STANDARD	
ASSAY (DRIED BASIS)	98.0	102.0 %
LOSS ON DRYING		0.5 %
RESIDUE ON IGNITION		0.1 %
ORGANIC IMPURITIES:		
FLUCONAZOLE RELATED COMPOUND A		0.2 %
SPECIFIED IMPURITY		1.0 %
FLUCONAZOLE RELATED COMPOUND B		0.1 %
FLUCONAZOLE RELATED COMPOUND C		0.2 %
Any individual unspecified impurity		0.1 %
TOTAL UNKOWN IMPURITIES		0.3 %
TOTAL IMPURITIES		1.5 %
ELEMENTAL IMPURITIES	AS REPORTED	
EXPIRATION DATE		
DATE OF MANUFACTURE		
MONOGRAPH EDITION		
RESIDUAL SOLVENTS	AS REPORTED	

Spectrum Chemical Mfg Corp

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