



## Specification for Minoxidil, Powder, USP (M1138)

Item Number	M1138
Item	Minoxidil, Powder, USP
CAS Number	38304-91-5
Molecular Formula	C <sub>9</sub> H <sub>15</sub> N <sub>5</sub> O
Molecular Weight	209.25
MDL Number	
Synonyms	6-(1-Piperidiny)pyrimidine-2,4-diamine-3-oxide

Test	Specification	
	Min	Max
APPEARANCE		
ASSAY (DRIED BASIS)	97.0	103.0 %
LOSS ON DRYING		0.5 %
RESIDUE ON IGNITION		0.5 %
ORGANIC IMPURITIES:		
PYRIMIDINE OXIDE ANALOG		0.2 %
PYRIMIDINE ANALOG		0.2 %
DEOXYMINOXIDIL		0.2 %
ANY INDIVIDUAL UNSPECIFIED IMPURITY		0.1 %
TOTAL IMPURITIES		1.0 %
ELEMENTAL IMPURITIES	AS REPORTED	
IDENTIFICATION (A) FTIR	SPECTRUM MATCHES REFERENCE	
IDENTIFICATION (B)	RETENTION TIME CORRESPONDS TO STANDARD	
EXPIRATION DATE		
DATE OF MANUFACTURE		
MONOGRAPH EDITION		
RESIDUAL SOLVENTS	AS REPORTED	

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