

**fssai**

## CERTIFICATE OF ANALYSIS



Date: 08-02-2026

<b>Product Name</b>	<b>Miconazole Nitrate</b>		
<b>Chemical Name</b>	1-[(2RS)-2-[(2,4-Dichlorobenzyl)oxy]-2-(2,4-dichlorophenyl)ethyl]-1H-imidazole nitrate		
<b>Structure</b>	<p>The chemical structure of Miconazole Nitrate is shown. It features a 1H-imidazole ring substituted at the 1-position with a 2-[(2,4-dichlorophenyl)ethyl] group. The 2-position of the imidazole ring is substituted with a nitro group (HO-N=O-). The 2-[(2,4-dichlorophenyl)ethyl] group consists of a phenyl ring with two chlorine atoms at the 2 and 4 positions, attached to a methylene group, which is further attached to an oxygen atom of a methoxy group (-OCH2-).</p>		
<b>Batch No.</b>	-	<b>CAS No.</b>	22832-87-7
<b>Analysis Date</b>	-	<b>Retest Date</b>	-
<b>Mol. Formula</b>	C <sub>18</sub> H <sub>14</sub> Cl <sub>4</sub> N <sub>2</sub> O : HNO <sub>3</sub>	<b>Molecular Wt.</b>	416.1 : 63.0
<b>Long term Storage Condition</b>	Store at 2-8 °C in well closed container		
<b>Handling and Transit Condition</b>	25-30 °C in well closed container		

<b>Test</b>	<b>Result</b>
Appearance	-
Solubility	-
1H-NMR	Conforms to structure
MASS	Conforms to structure
Chromatographic Purity	>90%

**Note: This material should be used for research purpose and not for human or animal consumption. Any patent applicable for this product in any country is not applicable for this analytical standard/research chemical.**

	<b>Prepared By</b>	<b>Checked By</b>	<b>Approved By</b>
<b>Signature</b>			
<b>Date</b>			

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