

# Specification

## Technical Data Sheet

<b>Product Name</b>	Micafungin sodium salt
<b>Product No</b>	90018638
<b>CAS Number</b>	208538-73-2
<b>Storage Temperature</b>	2 to 8 °C
<b>Molecular Weight</b>	1292.26
	<b>Specification</b>
<b>Appearance</b>	White or off-white powder
<b>Acetone</b>	≤ 20000 ppm
<b>Acetonitrile</b>	≤ 410 ppm
<b>pH</b>	6.0 to 8.0
<b>Specific rotation</b>	-20° ~ -30°
<b>Water</b>	≤ 10.0%
<b>Assay</b>	97.0% ~ 102.0% (on anhydrous basis)

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<b>Ethanol</b>	$\leq 5000$ ppm
<b>Ethyl acetate</b>	$\leq 5000$ ppm
<b>Identification I</b>	IR: Sample spectrum corresponds to that of standard spectrum
<b>Identification II</b>	HPLC: Retention time of sample comparable with retention of standard
<b>Methanol</b>	$\leq 3000$ ppm
<b>Related Substance - Single</b>	Single largest unknown impurity $\leq 0.3\%$
<b>Related Substance - Total</b>	Total impurities $\leq 2.0\%$
<b>Related Substance I</b>	Impurity at RRT = 0.74 $\leq 1.0\%$
<b>Related Substance II</b>	Impurity at RRT = 0.94 $\leq 0.5\%$
<b>Related Substance III</b>	Impurity at RRT = 1.09 $\leq 0.5\%$
<b>Heavy Metal</b>	$\leq 10$ ppm

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