

# Specification

## Technical Data Sheet

<b>Product Name</b>	Methyl-beta-cyclodextrin
<b>Product No</b>	90019033
<b>CAS Number</b>	128446-36-6
<b>Storage Temperature</b>	Ambient
<b>Molecular Weight</b>	1331.36
	<b>Specification</b>
<b>Appearance</b>	White to Off-white solid (amorphous or crystalline powder)
<b>Heavy metals</b>	≤ 10ppm
<b>pH</b>	5.0 - 7.5
<b>Salmonella</b>	Absent
<b>Escherichia coli</b>	Absent
<b>Methoxy content</b>	10.4 - 31.2%
<b>Reducing Substances</b>	≤ 0.5%

## Specification

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**Residue on Ignition**

$\leq 0.5\%$

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**Solubility in water**

Freely soluble, forms clear colourless solution

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**Water Content**

$\leq 5.0\%$

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**Bioburden (total combined mold and yeast count)**

$\leq 10^2$

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**Identification (IR)**

Conforms to reference

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**Total Aerobic Microbial Count**

$\leq 10^2$

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