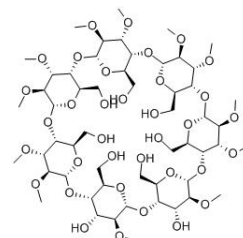


Technical Data Sheet

beta-Cyclodextrin methyl ethers

Compound Information

Product Name:	beta-Cyclodextrin methyl ethers
CAS No.:	128446-36-6
Molecular Formula:	C ₅₄ H ₉₄ O ₃₅
Molecular Weight:	1303.3
Storage:	Store at RT
Revision Date:	2026-04-15



Analytical Information

Tests	Specifications
Appearance	White powder
Heavy Metals	≤10 ppm
Anion	Chloride : ≤0.2%, Sulphate : ≤0.2%
pH	5.0 -7.5
Yeast and Mold	≤ 100 cfu/g
Specific Rotation	[α] _{20D} = 154 -165 °
LOD	≤ 5%
Microbial Count	≤ 1000 cfu/g (TAMC)
Related Substances	Beta-cyclodextrin : ≤ 0.2%
Residue On Ignition	≤ 0.5%
Purity	≥ 99%
Average degree of substitution	11.2 -13.3
Molar substitution	1.6 -1.9
Density	≤1.0 (220 -350 nm), ≤0.1 (350 -600 nm)
MS	Pass test
1H NMR	Pass test
IR	Pass test
Raman	Pass test

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.