

Specification

Technical Data Sheet

CAS**51166-71-3****STORAGE****Ambient****MOLECULAR WEIGHT****1331.36****PRODUCT****Heptakis(2,6-di-O-methyl)-beta-cyclodextrin**

Product number	90032208
CAS number	51166-71-3
Molecular formula	C ₅₆ H ₉₈ O ₃₅
Molecular weight	1331.36 g/mol

PARAMETER**SPECIFICATION**

Appearance	White to off-white powder
Assay	≥ 98.0%
Heavy metals	≤ 10ppm
Loss on Drying	≤ 7.0%
pH	5.0 - 7.5 (1% aq.)
Specific rotation	+154° to +165°
Average substitution degree	11.2 - 13.3
beta-Cyclodextrin	≤ 0.2%
Chloride (Cl-)	≤ 0.2%
Clarity in Solution	clear colourless (2.5g/25ml)
Escherichia coli	Absence
Residue on Ignition	≤ 0.5%
Total Yeast & Mould	≤ 100cfu/g
Bioburden (total aerobic microbial count)	≤ 1000cfu/g
Light-absorbing impurities	≤ 1.0 (230 - 350nm) ; ≤ 0.1 (350 - 750nm)

PARAMETER	SPECIFICATION
Sulphates (SO₄)(2-)	≤ 0.2%

SPECIFICATION STATEMENT	The values stated above represent the standard specification for this product, issued under Molekula Ltd 's quality management system. Batch-specific results are provided on the Certificate of Analysis.
STORAGE	Store as indicated on the product label, away from light, moisture and incompatible materials.

Molekula Ltd would like to thank you for your support of our products and service.

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