

1. Identification

Catalogue Number

C987830

Lot Number

712065687-7-1

Product Name

b-Cyclodextrin

Synonyms

BW 7; Betadex; CAVAMAX W7 Pharma; Cavamax W 7; Celdex B 100; Celdex B 100H; Celdex B 100z; Celdex N; Cibatex OC-CLD; Cyclodextrin Beta W 7M1.8; Cycloheptaglucan; Cycloheptaglucosan; Cyclomaltoheptaose; Dextrin, β -cyclo; Dexty Pearl 100; Kleptose; Kleptose B; NSC 269471; NSC 314334; Rhodocap N; Rindex B; Ringdex B; Ringdex BL; Schardinger β -dextrin;

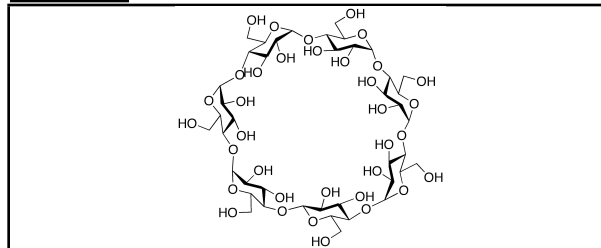
CAS Number

7585-39-9

Solubility

DMSO (Slightly), Water (Sparingly)

Structure



Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₄₂H₇₀O₃₅

Source of Product

N/A

Long Term Storage Conditions

4°C

Molecular Weight

1134.98

Purity

98%

2. Warnings

Not Determined

3. Analytical Information



<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Off-White Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 39.21, %H: 6.41
HPLC Purity	Report Result	99.63% (ELSD)
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	+130.1° (c = 0.1, Water)

Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of \pm 2%. Isotopic purity is based on mass distribution observed.
The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed by	Reviewed by	C of A Approved by	Test Date	Retest Date
			8/27/2024	8/25/2028
Farnaz Mahmoudi	Toni Rantanen	Chanell Chu		
Product Quality Specialist	Manager, Quality Assurance	Quality Assurance Associate		