



Certificate of Analysis

Product Name	(2-Hydroxypropyl)- β -cyclodextrin
Catalog No.	V33327
Batch No.	V3332701

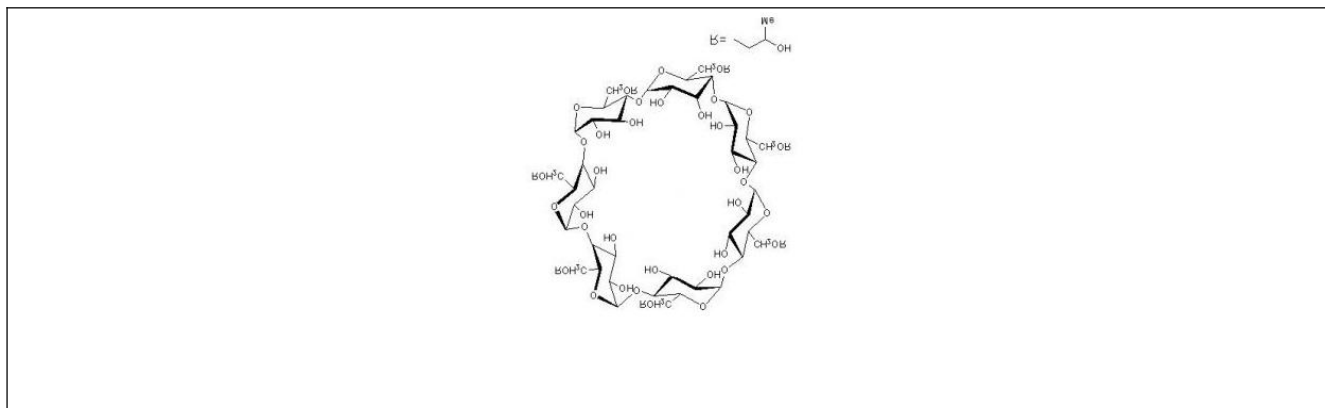
1. Physical and Chemical Properties

Appearance	Powder
Molecular Formula	C ₆₃ H ₁₂₀ O ₄₂
Molecular Weight	1541.54
Purity	$\geq 98\%$
CAS No.	128446-35-5
Production Date	05/02/2020

2. Analytical Data

HPLC	Indicates $\geq 98\%$ purity
NMR	Consistent with structure
Mass Spectrum	Consistent with structure

3. Structure



4. Storage Condition

Short term storage (weeks)	0 - 4 °C under dry condition for six weeks
Long term storage (months)	-20 °C under dry condition for two years

Products are for research use only • Not for human or veterinary use