

Certificate of Analysis

Date of Testing: 2024-12-05 10:51:36

Date of Next Testing: 2028-12-04 10:51:36

Product Name: **Carboxymethyl- β -cyclodextrin sodium salt**

CAS Number:

Specifications & Purity: DS ~7

Lot #: A2125354

SKU #: **C112001**

Version: **0**

Analysis #: **443348**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Average Degree of Substitution	6-8	6.13
Water by Karl Fischer	0-10 (%)	6.62 %
Appearance (C112001)	Colorless or White Powder or Crystals	Colorless or White Powder or Crystals
NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility, Colorless and clear (5% in H ₂ O) pass		Pass



John Su
QA & QC Manager