

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-06-09 11:24:35  
Date of Next Testing: 2026-06-08 11:24:35  
Product Name: **Carboxymethyl- $\beta$ -cyclodextrin sodium salt**  
CAS Number:  
Specifications & Purity: DS ~7  
Lot #: F2202068  
SKU #: **C112001**  
**Analysis: 082884**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Average Degree of Substitution	6-8	7.00
Water by Karl Fischer	0-10 (%)	6.10 %
Appearance (C112001)	Colorless or White Powder or Crystals	Colorless or White Powder or Crystals
Solubility, Colorless and clear (5% in H <sub>2</sub> O)	pass	Pass
NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager