

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-17 18:57:59  
Date of Next Testing: 2028-09-16 18:57:59  
Product Name: (2-Hydroxypropyl)- $\alpha$ -cyclodextrin  
CAS Number: 128446-33-3  
Specifications & Purity: average Mw ~1180  
Lot #: I2516052  
SKU #: H302329  
Version: 1  
Analysis #: 147308  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation [a] <sub>D</sub> 20/D(c=1 in H <sub>2</sub> O)	119.5 - 130.5 (°)	122.11100 °
Average Molecular Weight	1080-1280	1180.00000
Appearance (H302329)	White or off-white powder	White or off-white powder
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager