

ALADDIN SCIENTIFIC CORPORATION  
14078 Meridian Parkway, Riverside, CA. 92518

### Certificate of Analysis

Date of Testing: 2025-05-19 15:25:48  
Date of Next Testing: 2028-05-18 15:25:48  
Product Name: (2-Hydroxyethyl)- $\beta$ -cyclodextrin  
CAS Number: 128446-32-2  
Specifications & Purity:  
Lot #: H2203418  
SKU #: H166848  
Version: 0  
Analysis #: 510630  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	0-10 (%)	5.40100%
Specific Rotation [a] <sub>20</sub> /D(c=1 in H <sub>2</sub> O)	120-140 (°)	120.40000°
Appearance (H166848)	White powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager