

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-13 11:55:18

Date of Next Testing: 2026-01-12 11:55:18

Product Name: (2-Hydroxypropyl)- α -cyclodextrin

CAS Number: 128446-33-3

Specifications & Purity: average Mw ~1180

Lot #: A2309765

SKU #: H302329

Version: 1

Analysis #: 147308

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation [a] _D 20/D(c=1 in H ₂ 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