

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-29 17:15:00
Date of Next Testing: 2029-07-28 17:15:00
Product Name: **(2-Hydroxypropyl)- β -cyclodextrin**
CAS Number: 128446-35-5
Specifications & Purity: $\geq 97\%$
Lot #: G2525398
SKU #: **H108813**
Version: **2**
Analysis #: **540958**

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	99.65100%
Specific Rotation [a] _D 20/D(c=1 in H ₂ O)	120-135 (°)	133.99°
Water by Karl Fischer	0-7.5 (%)	4.88%
Molar substitution degree	0.4-1.5	0.69000
Appearance (H108813)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to Very Faint Yellow, Clear, 2g plus 5ml	pass	Pass



John Su
QA & QC Manager