

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-22 13:19:14
Date of Next Testing: 2030-06-21 13:19:14
Product Name: **3A-Amino-3A-deoxy-(2AS,3AS)- α -cyclodextrin Hydrate**
CAS Number: 121916-94-7
Specifications & Purity: $\geq 90\%$ (HPLC)
Lot #: F2608265
SKU #: **A151545**
Version: **1**
Analysis #: **688257**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	0-15 (%)	11.00000 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})(\text{calcd. on anh.substance})$	127-138 ($^{\circ}$)	135.00000 $^{\circ}$
Purity(HPLC)	90-100	92.80000
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(A151545)	White to Almost white powder to crystal	White to Almost white powder to crystal



John Su
QA & QC Manager