

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2022-05-02 16:56:44
Date of Next Testing:	2024-05-01 16:56:44
Product Name:	Acarbose Hydrate
CAS Number:	56180-94-0
Specifications & Purity:	≥98%
Lot #:	C2223160
SKU #	A129816
Version	0
Analysis #:	075002
Storage Temperature:	Store at -20°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis	44-46.7 (%)	45.62 %
Water by Karl Fischer	0-5 (%)	2.27 %
Purity(HPLC)	98-100 (%)	98.06000 %
Oxygen by Elemental Analysis	42.2-44.8 (%)	42.21 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)(calcd.on anh.substance)	173-183 (°)	173.01 °
Appearance (A129816)	White to Off-White Powder or Solid	White to Off-White Powder or Solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O(CO ₂ free)	Colorless Clear(50 mg/ml)	Colorless Clear(50 mg/ml)



John Su
QA & QC Manager