

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2024-07-19 16:26:02
Date of Next Testing:	2026-07-19 16:26:02
Product Name:	Acarbose Hydrate
CAS Number:	56180-94-0
Specifications & Purity:	≥98%
Lot #:	G2411243
SKU #	A129816
Version	2
Analysis #:	368149
Storage Temperature:	Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.85000 %
Carbon by Elemental Analysis	44-46.7 (%)	46.25 %
Water by Karl Fischer	0-5 (%)	5.00 %
Oxygen by Elemental Analysis	42.2-44.8 (%)	42.50 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O) (calcd.on anh.substance)	173-183 (°)	173.20 °
Appearance (A129816)	White to Off-White to light Yellow Powder or Solid	white to off-white to light yellow powder or solid
Solubility in H ₂ O(50 mg/mL),Colorless to light yellow Clear	Pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager