

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-02-09 16:56:02
 Date of Next Testing: 2028-02-09 16:56:02
 Product Name: **Acarbose Hydrate**
 CAS Number: 56180-94-0
 Specifications & Purity: Moligand™, ≥98%
 Lot #: B2603207
 SKU #: **A129816**
 Version: **2**
 Analysis #: **644660**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis	44-46.7 (%)	44.81500 %
Water by Karl Fischer	0-5 (%)	3.88300 %
Purity(HPLC)	98-100 (%)	99.71200 %
Specific Rotation [α] _{20/D} (c=1 in H ₂ O) (calcd.on anh.substance)	168-183 (°)	173.04300 °
Oxygen by Elemental Analysis	42.2-44.8 (%)	42.30000 %
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