

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Specification Sheet

Product Name: **Acarbose Hydrate**  
Specifications & Purity: **≥98%**  
SKU #: **A129816**

Parameter	Limit Values
Carbon by Elemental Analysis	44-46.7 (%)
Water by Karl Fischer	0-5 (%)
Purity(HPLC)	98-100 (%)
Oxygen by Elemental Analysis	42.2-44.8 (%)
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})(\text{calcd. on anh. substance})$	173-183 (°)
Appearance (A129816)	White to Off-White Powder or Solid
Proton NMR spectrum	Conforms to Structure
Solubility in H <sub>2</sub> O(CO <sub>2</sub> free)	Colorless Clear(50 mg/ml)