

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-14 11:31:21

Date of Next Testing: 2029-10-13 11:31:21

Product Name: **Stachyose Hydrate**

CAS Number: 54261-98-2

Specifications & Purity: $\geq 98\%$

Lot #: L2122086

SKU #: **S120981**

Version: **0**

Analysis #: **586512**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=5 \text{ in H}_2\text{O})$	131-135 (°)	131.26 °
Water by Karl Fischer	0-13 (%)	5.89 %
Purity(HPLC)	98-100 (%)	99.50000 %
Appearance (S120981)	white powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O	Almost transparency	almost transparency



John Su
QA & QC Manager