

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-08 17:28:06

Date of Next Testing: 2029-01-07 17:28:06

Product Name: **Stachyose Hydrate**

CAS Number: 54261-98-2

Specifications & Purity: $\geq 80\%$

Lot #: A2507441

SKU #: **S493052**

Version: **1**

Analysis #: **454975**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	80-100 (%)	100.00000 %
Water by Karl Fischer	0-15 (%)	3.26000 %
Specific Rotation $[\alpha]_{20/D}(c=5 \text{ in H}_2\text{O})$	131-140 (°)	131.20000 °
Appearance(S493052)	White powder to crystal	White powder to crystal
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager