

Certificate of Analysis

Date of Testing: 2025-01-08 17:29:53
Date of Next Testing: 2029-01-07 17:29:53
Product Name: **Stachyose Hydrate**
CAS Number: 54261-98-2
Specifications & Purity: $\geq 80\%$
Lot #: A2507448
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 (%)	3.26 %
Specific Rotation $[\alpha]_{20/D}(c=5 \text{ in H}_2\text{O})$	131-140 (°)	131.20 °
Appearance(S493052)	White powder to crystal	White powder to crystal
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager