

Certificate of Analysis

Date of Testing: 2025-07-12 09:32:55
Date of Next Testing: 2029-07-11 09:32:55
Product Name: **Stachyose Hydrate**
CAS Number: 54261-98-2
Specifications & Purity: $\geq 98\%$
Lot #: G2503563
SKU #: **S120981**
Version: **0**
Analysis #: **530271**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-13 (%)	0.45 %
Purity(HPLC)	98-100 (%)	99.84400 %
Specific Rotation $[\alpha]_{20/D}(c=5 \text{ in H}_2\text{O})$	131-135 (°)	133.31 °
Appearance (S120981)	white powder	White powder
Solubility in H ₂ O	Almost transparency	almost transparency
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager