

Certificate of Analysis

Date of Testing: 2023-09-20 09:41:15
Date of Next Testing: 2027-09-19 09:41:15
Product Name: **Stachyose Hydrate**
CAS Number: 54261-98-2
Specifications & Purity: 98%
Lot #: 12311221
SKU #: **S120981**
Analysis: **266331**

Parameter	Limit Values	Result
Water by Karl Fischer	0-13 (%)	1.08 %
Purity(HPLC)	98-100 (%)	99.28800 %
Specific Rotation $[\alpha]_{20/D(c=5 \text{ in H}_2\text{O})}$	131-135 (°)	131.20°
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