

## Certificate of Analysis

Date of Testing: 2023-09-20 09:39:18  
Date of Next Testing: 2027-09-19 09:39:18  
Product Name: **Stachyose Hydrate**  
CAS Number: 54261-98-2  
Specifications & Purity: 98%  
Lot #: 12311214  
SKU #: **S120981**  
Analysis: **266331**

Parameter	Limit Values	Result
Water by Karl Fischer	0-13 (%)	1.08 %
Purity(HPLC)	98-100 (%)	99.28800 %
Specific Rotation [α] <sub>20</sub> /D(c=5 in H <sub>2</sub> O)	131-135 (°)	131.20°
Appearance (S120981)	white powder	White powder
Solubility in H <sub>2</sub> O	Almost transparency	almost transparency
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager