

Certificate of Analysis

Date of Testing: 2023-08-17 13:50:54
Date of Next Testing: 2027-08-16 13:50:54
Product Name: **Stachyose Hydrate**
CAS Number: 54261-98-2
Specifications & Purity: 98%
Lot #: H2307615
SKU #: **S120981**
Analysis: **247866**

Parameter	Limit Values	Result
Water by Karl Fischer	0-13 (%)	6.29%
Specific Rotation $[\alpha]_{20/D}(c=5 \text{ in H}_2\text{O})$	131-135 (°)	131.01°
Purity(HPLC)	98-100 (%)	98.22900%
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