

## Specification Sheet

Product Name: **D-(+)-Trehalose dihydrate**  
Specifications & Purity: from cassava starch,  $\geq 99\%$   
SKU #: **T100010**

Parameter	Limit Values
Specific Rotation $[\alpha]_{20}^D(c=7 \text{ in H}_2\text{O})$	178-183 (°)
Purity(HPLC)	99-100 (%)
Water by Karl Fischer	9.2-10.2 (%)
Solvent Content(GC)	0-5 (%)
Appearance (T100010)	white to off-white powder, crystals and/or chunks
Infrared spectrum	Conforms to Structure
Proton NMR spectrum	Conforms to Structure
Solubility in H <sub>2</sub> O , Colorless to Faint Yellow , Clear , 50 mg/ml H <sub>2</sub> O pass	