

## Specification Sheet

Product Name: **D-(+)-Trehalose dihydrate**  
Specifications & Purity: for cell culture,for insect cell culture,≥99%  
SKU # **T100012**

Parameter	Limit Values
Loss on drying	0-10 (%)
Purity(HPLC)	99-100 (%)
Specific Rotation $[\alpha]_{20/D}(c=7 \text{ in H}_2\text{O})$	174-183 (°)
Appearance (T100012)	White powder
Cell Culture Test	pass
Insect cell culture test	pass
Solubility in H <sub>2</sub> O , clear colorless , 50mg/ml of water	pass
Proton NMR spectrum	Conforms to Structure