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Product Specifications

Catalogue Number	38907
Product	D(+)-Trehalose dihydrate a,a-Trehalose dihydrate a-D-Glucopyranosyl-a-D-glucopyranoside dihydrate
CAS Number	6138-23-4
Molecular Formula	C ₁₂ H ₂₂ O ₁₁ •2H ₂ O
Molecular Weight	378.30

Warnings	<i>Hygroscopic!</i>
Appearance	Pale white to white crystalline powder
Melting Point	97 - 99 °C
Optical Rotation	[α] ²⁰ _D = 197 - 201 °
Infrared Spectrum	Conforms to structure
¹H NMR	Conforms to structure
Purity by HPLC	98 - 102%
Grade	Suitable for cell culture, suitable for insect cell culture
Storage	Store at RT

For Laboratory Use Only