

CERTIFICATE OF ANALYSIS

PRODUCT NAME: D-(+)-Trehalose Anhydrous,99%

ITEM NUMBER: D110019
BRAND: Aladdin
CAS NUMBER: 99-20-7
MDL NUMBER: MFCD00006628
FORMULA: C₁₂H₂₂O₁₁
MOLECULAR WEIGHT: 342.30

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	White to Off-White Powder or Crystals		
Infrared spectrum	Conforms to Structure		
Melting point	200 ° C	208 ° C	208 ° C
Purity(HPLC)	99 %	100 %	100 %
Solubility in Water	almost transparency		
Specific rotation [α] ₂₀ /D(C=7,H ₂ O)	++194 °	++00 °	++200 °
Water by Karl Fischer	0 %	0.3 %	0.3 %