

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name:	Isomaltose
Specifications & Purity:	≥98%, mixture of isomer
SKU #	I120961

Parameter	Limit Values
Purity(HPLC)(mixture of isomers)	98-100 (%)
Specific Rotation $[\alpha]_{20/D}(c=0.7 \text{ in H}_2\text{O})$	106-118 (°)
Carbon by Elemental Analysis	41.56-42.56 (%)
Appearance (I120961)	White to Almost white to Yellow Powder to Crystal
Infrared spectrum	Conforms to Structure
NMR Spectrum 1H (D ₂ O)	Consistent
Solubility in H ₂ O	Almost transparency