



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-222903  
Lot Number: SAMPLE  
Product Name: 1,2:5,6-Di-O-cyclohexylidene-D-mannitol  
CAS Number: 76779-67-4  
Molecular Formula:  $C_{18}H_{30}O_6$   
Molecular Weight: 342.43

Test	Specification	Result
Appearance	White powder, crystals, crystalline powder and/or lumps	White powder with lumps
Identification (1H-NMR)	Consistent with structure	Complies
Purity (TLC)	98%	100%
Specific Rotation ( $\alpha_{20/D}$ )	$6.0 \pm 0.5^\circ$ (c = 3, CH <sub>2</sub> Cl <sub>2</sub> )	6.4°

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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