# RedChemExpress

## Certificate of Analysis

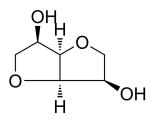
### 1,4:3,6-Dianhydro-D-mannitol

Cat. No.:	HY-W013827
CAS No.:	641-74-7
Batch No.:	316433
Chemical Name:	D-Mannitol, 1,4:3,6-dianhydro-

#### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_6H_{10}O_4$		
Molecular Weight:	146.14		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

#### **Chemical Structure:**



#### ANALYTICAL DATA

Appearance:	White to off-white (Solid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
Purity (GC):	99.93%
Water(KF):	0.21%
OR[α](C=0.53 g/100ml H <sub>2</sub> O):	83.3°
Conclusion:	The product has been tested and complies with the given specifications.

#### Caution: Product has not been fully validated for medical applications. For research use only.

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