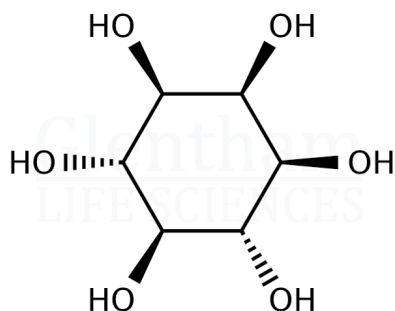


## Product Specification

Product Name	myo-Inositol, USP-NF grade
Glentham Code	GC7160
CAS Number	87-89-8
EINECS	201-781-2
MDL-Nummer	MFCD00077932
Molecular Weight	180.16
Molecular Formula	$C_6H_{12}O_6$
Storage Temp.	+20°C



Property	Specification
Physical Description	White to off-white crystalline powder
Identification (IR)	To conform to standard
Identification	Test B: To pass test
Clarity of Solution	To pass test
Colour of Solution	To pass test
Conductivity	$\leq 20.0 \mu S/cm$
Melting Point	224.0 - 227.0 °C
Individual Impurities	$\leq 0.3\%$
Total Impurities	$\leq 1.0\%$
Barium (Ba)	To pass test
Lead (Pb)	$\leq 0.5 ppm$
Residue on Ignition	$\leq 0.1\%$
Water	$\leq 0.5\%$
Assay	97.0 - 102.0 % (anhydrous basis)
Pharmacopoeia Specification(s)	USP-NF

Specification Version	- v1.2
Date Created	- 2024-11-13

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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