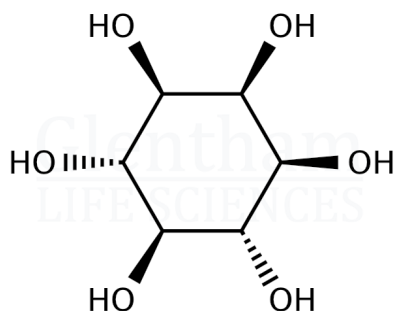


Product Specification

Product Name	myo-Inositol, USP-NF grade
Glentham Code	GC7160
CAS Number	87-89-8
EINECS	201-781-2
MDL Number	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 or contact us using the details above for the current version of this document.

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