

## Product Datasheet

### GA0865 - N-Methyl-D-glucamine,

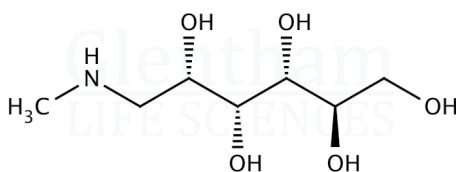
### USP grade

#### Product Details

Product Name	N-Methyl-D-glucamine, USP grade
Glentham Code	GA0865
CAS Number	6284-40-8
EINECS	228-506-9
MDL Number	MFCD00004707
Related Categories	Carbohydrates, Antibiotics, Biochemicals, Antimicrobials

#### Structure

Molecular Weight	: 195.22
Molecular Formula	: C <sub>7</sub> H <sub>17</sub> NO <sub>5</sub>



#### Storage

Recommended storage temperature: +4°C.

#### Hazards and Transport

Not classified as hazardous under CLP.  
Not classified as dangerous for transport.

#### Glentham Product Specification

Physical Description	: White to light-yellow powder
Assay	: 99.0 - 100.5 % (anhydrous)
Identification	: According to USP
Residue on Ignition	: ≤ 0.1%
Heavy Metals	: ≤ 20ppm
Melting Point	: 128 - 132 °C
Specific Optical Rotation	: -15.7 - -17.3 ° (c=10, water)
Loss on Drying	: ≤ 1.0%
Reducing Substances	: Absent
Colour of Solution	: Absorbance: ≤ 0.030
Pharmacopoeia Specification(s)	: USP
Version	: v1.0

#### About N-Methyl-D-glucamine, USP grade

N-Methyl-D-glucamine, or Meglumine, is a crystalline base derived from sorbitol. It is most commonly used in the preparation of soluble salts for X-ray contrast media.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2024