

## Product Datasheet

### GE0649 - Insulin Porcine

uptake, utilisation and storage of glucose, amino acids and fatty acids and inhibits the breakdown of glycogen, protein and fat.

#### Product Details

Product Name	Insulin Porcine
Glentham Code	GE0649
CAS Number	12584-58-6
EINECS	235-703-3
MDL Number	MFCD00131380
Related Categories	Biochemicals

Lyophilized Insulin Porcine is stable at room temperature for 3 weeks, after which it should be stored desiccated below -18°C. Upon reconstitution Insulin Porcine should be stored at 4°C between 2-7 days and for future use below -18°C.

#### Structure

Molecular Weight : 5777.59  
Molecular Formula :  $C_{256}H_{381}N_{65}O_{76}S_6$

#### Storage

Recommended storage temperature: -20°C.

#### Hazards and Transport

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

#### Glentham Product Specification

Physical Description : White lyophilized powder  
Purity :  $\geq 97.0\%$   
Activity :  $\geq 27IU/mg$   
Version : v1.0

#### About Insulin Porcine

Insulin Porcine is a two chain, glycosylated polypeptide chain containing 51 amino acids and having a molecular mass of 5777. The alpha and beta chains are joined by two interchain disulfide bonds. The alpha chain contains an intrachain disulfide bond. Insulin regulates the cellular

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