

INOSITOL NF

Description

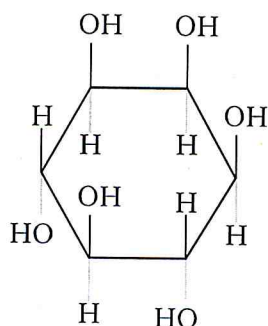
Fine, white crystals or a white, crystalline powder, odorless.

Chemical properties**Synonym**

Hexahydroxycyclohexane
Cyclohexitol

Formula

$C_6H_6(OH)_6$

Structure**Molecular weight**

180.16

Physical properties**Assay**

not less than 98 %

Loss on drying

less than 0.5 %

Melting range

between 223° and 226 °C

Residue on ignition

not more than 0.1 %

Solubility

soluble in water, slightly soluble in alcohol, insoluble in ether and in chloroform

Typical analysis**Chloride**

< 50 ppm

Heavy metals

< 10 ppm

Iron

< 5 ppm

Storage

Inositol should be stored in a well - closed packing.