



# Product Specification

cdhfinechemical.com

## GLUCOSE OXIDASE (GOD) ASPERGILLUS NIGER LYOPHILISED POWDER CONTAINING 75% PROTEIN ACTIVITY 100,000-150,000 UNITS/G PROTEIN

<b>PRODUCT CODE</b>	<b>039016</b>
<b>SYNONYMS</b>	(Glucose oxidase from aspergillus niger 100 – 150 units/mg), (-D-Glucose oxygen 1-oxidoreductase ) , (G.Od)
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	(9001-37-0)
<b>ATOMIC OR MOLECULAR FORMULA</b>	--
<b>ATOMIC OR MOLECULAR WEIGHT</b>	--
<b>PROPERTIES</b>	Freely soluble in water, stable between pH 4.5 and 7.0
<b>PARAMETER</b>	<b>LIMIT</b>
Description	Yellow lyophilized powder.
Activity	100 – 150 Unit/mg
Origin	Aspergillus niger
Contaminants	Catalase : < 3%

**Note(s) : 1] Assay (if applicable) method mentioned.**  
**2] Storage Temp.: 0 – 8°C**  
**3] 1 Unit will oxidise 1 .0 m mole of D-glucose to D-gluconic acid & H<sub>2</sub>O<sub>2</sub> per minute at 37°C**  
**4] It's recommended to store the vial at 0-8°C and to let it come back to room temperature before opening.**

<p><b>WARNING</b></p> <p><b>Hazard statements:</b> May be harmful if swallowed. May damage fertility.</p> <p><b>Precautionary statements</b></p> <p><b>Prevention:</b> Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.</p> <p><b>Response:</b> If exposed or concerned: Get medical attention advice. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell*</p>	<p>IMDG Code : --</p> <p>UN No. : --</p> <p>IATA : --</p>
---	---

**Disposal:** Dispose of contents and container in accordance with relevant legislation.

Hazard Pictogram(s) :-

GHS08

Replace Date 18-Dec.-2018