



# Product Specification

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

<b>PRODUCT CODE</b>	<b>104835</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%
<p><b>Note(s) :</b> 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 &amp; 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>	
<p><b>WARNING</b>  <b>Hazard statements:</b> May be harmful if swallowed. May damage fertility.  <b>Precautionary statements</b>  <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.  <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 : --                  UN No. : --                  IATA : --</p>
<p><b>Disposal:</b> Dispose of contents and container in accordance with relevant legislation.</p>	
<p>Hazard Pictogram(s) :-</p> <div style="text-align: center;">  <p>GHS08</p> </div>	

Replace Date 30-May-2023