

<b>Product:</b>	<b>CATALASE</b>
<b>Product code:</b>	<b>CATAN3F</b>
<b>E.C. number:</b>	1.11.1.6
<b>CAS number:</b>	9001-05-2
<b>EINECS number:</b>	232-577-1
<b>Systematic name:</b>	Hydrogen-peroxide:hydrogen-peroxide oxidoreductase
<b>Source:</b>	<i>Aspergillus niger gene expressed in Trichoderma reesei.</i>
<b>Form:</b>	A freeze-dried material containing lactitol as excipient
<b>Storage conditions:</b>	Store desiccated at -15°C or below. Allow to come to room temperature before opening. Before returning to storage, re-desiccate under vacuum over silica gel for a minimum of four hours. Re-seal before returning to -15°C or below.
<b>Unit definition:</b>	That amount of enzyme causing the decomposition of one micromole of hydrogen peroxide per minute at 25°C and pH 7.0.
<b>Activity:</b>	Not less than <b>4,000 U/mg material</b> . (Not less than 10,000 U/mg protein).
<b>Solubility:</b>	Dissolves readily at 5 mg/ml in 0.05M sodium/potassium phosphate buffer, pH 7.0 to give a clear solution.