

<b>Product:</b>	<b>PEROXIDASE</b>
<b>Product code:</b>	<b>HRP4</b>
<b>E.C. number:</b>	1.11.1.7
<b>CAS number:</b>	9003-99-0
<b>EINECS number:</b>	232-668-6
<b>Systematic name:</b>	Donor:hydrogen-peroxide oxidoreductase
<b>Source:</b>	Horseradish
<b>Form:</b>	A freeze-dried material
<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 that will catalyse the production of 1mg of purpurogallin from pyrogallol in 20 seconds at 20°C and pH 6.0.
<b>Activity:</b>	Not less than <b>250U/mg material</b>
<b>RZ (E<sub>403</sub>/E<sub>275</sub>):</b>	Greater than <b>3.0</b>
<b>Solubility:</b>	Dissolves readily at 5mg/ml in 0.1M Potassium phosphate buffer, pH 6.0, to give a clear solution.