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<b>Product:</b>	<b>GLUCOSE DEHYDROGENASE (FAD-dependent)</b>
<b>Product code:</b>	<b>GLD3</b>
<b>E.C. number:</b>	1.1.99.10
<b>CAS number:</b>	9035-82-9
<b>EINECS number:</b>	232-907-4
<b>Systematic name:</b>	D-Glucose: (flavin adenine dinucleotide) dehydrogenase
<b>Alternative name:</b>	Glucose dehydrogenase (FAD-) (III)
<b>Source:</b>	<i>Microorganism</i>
<b>Form:</b>	A yellow 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.
<b>Unit definition:</b>	That amount of enzyme causing the reduction of one micromole of 2,6-Dichlorophenol-indophenol per minute at 37°C and pH 6.5.
<b>Activity:</b>	Not less than <b>300 U/mg material</b>
<b>Solubility:</b>	Dissolves readily at 5mg/ml in 0.05M potassium phosphate buffer, pH 5.6 to give a clear solution.