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Product Specification

GLUCOSE DEHYDROGENASE (FAD-dependent)

Product code:	GLD4
E.C. number:	1.1.5.9
CAS number:	9035-82-9
EINECS number:	232-907-4
Systematic name:	D-Glucose: (flavin adenine dinucleotide) dehydrogenase
Alternative name:	Glucose dehydrogenase (FAD-) (III)
Source:	Microorganism
Form:	A freeze dried material.
Storage conditions:	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.
Unit definition:	That amount of enzyme causing the reduction of one micromole of 2,6-Dichlorophenol-indophenol per minute at 37°C and pH 6.5.
Activity:	Not less than 300 U/mg material
Solubility:	Dissolves readily at 5mg/ml in 0.05M potassium phosphate buffer, pH 6.5 to give a clear solution.