

**Malate dehydrogenase from porcine heart mitochondria**  
E.C. 1.1.1.37. solution

**Cat.No. : 28345**

Parameter	Method	Specification
<b>Molecular weight</b>		ca. 70 000
<b>Appearance</b>		clear, colorless solution in 50% glycerol
<b>Activity (U/mg protein)</b>	Malate dehydrogenase	min. 1500
<b>Protein content (mg/ml)</b>	Lowry	ca. 10
<b>Extraneous activities</b>	Creatinkinase (%)	max. 0.001
	GPT (%)	max. 0.0025
	LDH (%)	max. 0.001
	GOT (%)	max. 0.0025
	Fumarase (%)	max. 0.001
	GLDH (%)	max. 0.0025
<b>Storage (°C)</b>		+2 to +8

**Unit definition**

One unit is that amount of enzymatic activity which catalyzes the reduction of 1  $\mu$ mol of oxaloacetate to malate (oxidation of 1  $\mu$ mol NADH) per minute at 25°C, pH 7.4 .

**Die Eignung des Produktes für spezielle Anwendungszwecke wird nicht zugesichert.**  
We do not guarantee that the product can be used for a special application.