

DAO	Research and Industrial Grade	PN 50-0903 50-0903-001
Name	Diamine Oxidase	
Origin	Botanical	
EC number	1.4.3.22	
CAS number	9001-53-0	
Catalyzed reaction	DAO catalyzes the oxidation of diamines (and some monoamines) to produce the aldehyde, ammonia, and hydrogen peroxide	
Enzyme unit	One DAO unit will oxidize 1.0 μ mol of putrescine per hour at pH 7.2 at 37°C	
Properties	<ul style="list-style-type: none">◆ Optimal pH for activity: 7.2◆ Optimal testing temperature: 37°C◆ Optimal storage temperature: -70 \pm 5°C	
Usage	For research and industrial use only	
Description	Brown, clear, homogeneous liquid	
Package size	100 kU, other quantities available upon request	
Storage conditions	Frozen, at -70 \pm 5°C	

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