



Research and Industrial Grade

PN 50-0903
50-0903-001

Name	Diamine Oxidase
Commercial name	DiaMaze® - Registered trademark of IBEX Pharmaceuticals Inc.
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 µmol 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 ± 5°C
Usage	For research and industrial use only
Description	Brown, clear, homogeneous liquid
Package size	100 kU, other quantities available upon request
Shipping conditions	Ships with foam ice pack bricks or on dry ice
Handling and storage conditions	<ul style="list-style-type: none"> ◆ Upon receipt, refreeze and store at -70 ± 5°C as applicable ◆ Or, store at 5 ± 3°C for up to 3 months ◆ Alternatively, aseptically aliquot upon receipt and refreeze the product at -70 ± 5°C

IBEX Pharmaceuticals Inc.