Creative Enzymes®

Lactate Oxidase from Aerococcus viridans, Recombinant

Cat. No. DIA-156

Lot. No. (See product label)

Introduction

Synonyms	lactate 2-monooxygenase; EC 1.13.12.4; (S)-lactate: oxygen 2-oxidoreductase (decarboxylating); lactate oxidative decarboxylase; lactate oxidase; lactic oxygenase; lactate oxygenase; lactic oxidase; L-lactate monooxygenase; lactate monooxygenase; L-lactate-2-monooxygenase

Product Information

Source	Aerococcus viridans
Appearance	Yellowish powder
Form	Freeze dried powder
EC Number	EC 1.13.12.4
CAS No.	9028-72-2
Activity	> 20 U/mg
Contaminants	Pyruvate oxidase < 0.001%; Glucose Oxidase < 0.001%; Uricase < 0.001%; Cholesterold oxidase < 0.001%
pH Stability	6.0-9.0 (50°C, 10 mins)
Optimum pH	6.0-7.0
Thermal stability	Stable at 50°C and below (pH7.0, 10 mins)

Storage and Shipping Information

Storage	Store in tightly closed containers, desiccated, protected from light, at-20°C.