

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%; Cholesterol 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.