

Native *Enterobacter aerogenes* Glycerol Dehydrogenase

Cat. No. NATE-0284

Lot. No. (See product label)

Introduction

Description

Glycerol dehydrogenase is an enzyme in the oxidoreductase family that utilizes the NAD⁺ to catalyze the oxidation of glycerol to form glycerone (dihydroxyacetone).

Applications

Glycerol dehydrogenase was used in the kinetic enzymatic determination of glycerol in wine and beer.

Synonyms

EC 1.1.1.6; NAD⁺-linked glycerol dehydrogenase; glycerol:NAD⁺ 2-oxidoreductase; GDH; GIDH; GlyDH; 9028-14-2; glycerin dehydrogenase

Product Information

Source

Enterobacter aerogenes

Form

Lyophilized powder containing potassium phosphate buffer salts

EC Number

EC 1.1.1.6

CAS No.

9028-14-2

Activity

20-80 units/mg protein

Unit Definition

One unit will oxidize 1.0 μ mole of glycerol to dihydroxyacetone per min at 25°C at pH 10.0.

Storage and Shipping Information

Storage

−20°C