Creative Enzymes®

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; GlDH; 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 µmole of glycerol to dihydroxyacetone per min at 25°C at pH 10.0.

Storage and Shipping Information

Storage	−20°C