

Native Pseudomonas sp. Formaldehyde Dehydrogenase

Cat. No. NATE-0257

Lot. No. (See product label)

Introduction

Description Formaldehyde dehydrogenase catalyzes the conversion of formaldehyde to formate.

Applications Formaldehyde dehydrogenase is used as a biosensor for the presence of formaldehyde in pharmaceuticals, waste water, vaccines and industrial products. It was also used in coupled pectin methyl esterase (PME) enzyme assay.

Synonyms EC 1.2.1.46; Formaldehyde Dehydrogenase; NAD-linked formaldehyde dehydrogenase; NAD-dependent formaldehyde dehydrogenase; 9028-84-6

Product Information

Source Pseudomonas sp.

Form Lyophilized powder containing ~70% stabilizers as Mg²⁺, Ca²⁺, bovine serum albumin, glycine, and lysine

EC Number EC 1.2.1.46

CAS No. 9028-84-6

Activity 1.0-6.0 units/mg solid

Unit Definition One unit will oxidize 1.0 µmole of formaldehyde to formic acid per min at pH 7.5 at 37°C.

Storage and Shipping Information

Storage -20°C