

## 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 Mg<sup>2+</sup>, Ca<sup>2+</sup>, 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