

mannitol dehydrogenase

Cat. No. EXWM-0160

Lot. No. (See product label)

Introduction

Description

The enzyme from *Apium graveolens* (celery) oxidizes alditols with a minimum requirement of 2R chirality at the carbon adjacent to the primary carbon undergoing the oxidation. The enzyme is specific for NAD⁺ and does not use NADP⁺.

Synonyms

MTD; NAD-dependent mannitol dehydrogenase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.1.1.255

CAS No.

144941-29-7

Reaction

D-mannitol + NAD⁺ = D-mannose + NADH + H⁺

Notes

This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage

Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.