

## 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<sup>+</sup> and does not use NADP<sup>+</sup>.

**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<sup>+</sup> = D-mannose + NADH + H<sup>+</sup>

**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.