

## L-galactose 1-dehydrogenase

Cat. No. EXWM-0228

Lot. No. (See product label)

### Introduction

#### Description

The enzyme catalyses a step in the ascorbate biosynthesis in higher plants (Smirnoff-Wheeler pathway). The activity with NADP<sup>+</sup> is less than 10% of the activity with NAD<sup>+</sup>.

#### Synonyms

L-GalDH; L-galactose dehydrogenase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.1.1.316

#### Reaction

L-galactose + NAD<sup>+</sup> = L-galactono-1,4-lactone + 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.