

glucose-fructose oxidoreductase

Cat. No. EXWM-0456

Lot. No. (See product label)

Introduction

Description

D-mannose, D-xylose, D-galactose, 2-deoxy-D-glucose and L-arabinose will function as aldose substrates, but with low affinities. The ketose substrate must be in the open-chain form. The apparent affinity for fructose is low, because little of the fructose substrate is in the open-chain form. Xylulose and glycerone (dihydroxyacetone) will replace fructose, but they are poor substrates. The enzyme from *Zymomonas mobilis* contains tightly bound NADP+.

Product Information

Form Liquid or lyophilized powder

EC Number EC 1.1.99.28

CAS No. 94949-35-6

Reaction D-glucose + D-fructose = D-gluconolactone + D-glucitol

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.