

## xanthan lyase

Cat. No. EXWM-5087

Lot. No. (See product label)

### Introduction

**Description** In enzymology, a xanthan lyase (EC 4.2.2.12) is an enzyme that catalyzes the chemical reaction of cleaving the beta-D-mannosyl-beta-D-1,4-glucuronosyl bond on the polysaccharide xanthan. This enzyme belongs to the family of lyases, specifically those carbon-oxygen lyases acting on polysaccharides.

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 4.2.2.12

**CAS No.** 113573-69-6

**Reaction** Eliminative cleavage of the terminal  $\beta$ -D-mannosyl-(1 $\rightarrow$ 4)- $\beta$ -D-glucuronosyl linkage of the side-chain of the polysaccharide xanthan, leaving a 4-deoxy- $\alpha$ -L-threo-hex-4-enuronosyl group at the terminus of the side-chain

**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.