

## Laminarin

Cat. No. CSUB-0836

Lot. No. (See product label)

### Introduction

#### Description

Laminarin from *Laminaria digitata* is a polysaccharide; primarily poly( $\beta$ -Glc-[1 $\rightarrow$ 3]) with some  $\beta$ -(1 $\rightarrow$ 6) interstrand linkages and branch points. This is a useful chemical to study the reaction of laminarin with laminarase.

#### Applications

Laminarin is a storage glucan and is now used to study its interaction with laminarinase as its substrate.

#### Synonyms

Goemar H 11; Iodus 40; Laminarin; (1 $\rightarrow$ 3)- $\beta$ -D-Glucan

### Product Information

#### Form

Solid

#### CAS No.

9008-22-4

#### Molecular Formula

C<sub>18</sub>H<sub>32</sub>O<sub>16</sub>

#### Molecular Weight

504.44

#### Purity

>96%

#### Solubility

Soluble in water (10 mg/ml).

### Storage and Shipping Information

#### Storage

Store at room temperature