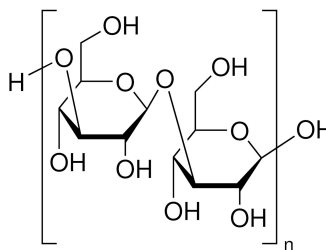


# Certificate of Analysis

**Product Name :** Laminarin from Laminaria digitata polysaccharide substrate for laminarinase  
**Product Number :** L9634-1G  
**Batch Number :** 0000455871  
**Source Batch :** 0000342062  
**CAS Number :** 9008-22-4  
**MDL Number :** MFCD00466918  
**Quality Release Date :** 13 Sep 2024



Test	Specification	Result
Appearance (Color)	White to Off White	Off White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless to Yellow	Faint Yellow
Solubility (Turbidity)	Clear to Slightly Hazy	Very Slightly Hazy
10 mg/mL, H <sub>2</sub> O		
Specific Rotation	-20 - -5 °	-6 °
c = 2 in H <sub>2</sub> O at 25 deg C		
Suitability	Suitable	Suitable
Suitable as a substrate for laminarinase at pH 5.0 at 37 deg C.		

Jagodige Yasomanee, Supervisor

Quality Assurance

St. Louis, Dekalb

US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale

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