



Megazyme

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Certificate of Analysis

Product: *endo*-1,3- β -D-Glucanase (Barley)
Cat. No: E-LAMHV
Lot. No: 211102A
Expiry Date: December, 2025

Specific activity and level of other activities:

100 U/mg protein (on laminarin) at pH 5.0 and 40°C

One Unit of β -1,3-glucanase activity is defined as the amount of enzyme required to release one μ mole of glucose reducing-sugar equivalents per minute from laminarin (10 mg/mL) in sodium acetate buffer (100 mM) pH 5.0.

Substrate	Relative Hydrolysis Rate, %
Laminarin	100
Barley β -Glucan	< 0.001
CM-Cellulose 4M	< 0.01
CM-Curdlan	< 0.1

Action on polysaccharide substrates was determined at a final substrate concentration of 10 mg/mL in sodium acetate buffer (100 mM), pH 5.0 at 40°C.

This lot meets our specification.

Signature:

Ciara McLoughlin

QC Specialist

Date: 26.May.2022

(as this certificate is a computer printout, it has not been signed or dated by hand)