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Certificate of Analysis

Product: *endo-1,3(4)-β-D-Glucanase (Trichoderma sp.)*
Cat. No: E-LAMSE
Lot. No: 180904
Expiry Date: December, 2026

Specific activity and level of other activities:

14 U/mg protein (on CM-curdlan) at pH 4.5 and 40°C

One Unit of *endo-1,3-β-D-glucanase* activity is defined as the amount of enzyme required to release one μmole of D-glucose reducing sugar equivalents per minute from CM-Curdlan (5 mg/mL) in sodium acetate buffer (200 mM), pH 4.5 and 40°C

Substrate	%
CM-Curdlan	100
Barley β-Glucan	66
pNP-β-Glucoside	0.0007
Ceralpha Reagent	< 0.006

Action on pNP-substrates and polysaccharides or oligosaccharides was determined at a final substrate concentration of 2.5 mM and 5 mg/mL, respectively, in sodium acetate buffer (200 mM), pH 4.5 at 40°C.

This lot meets our specification.

Signature: 

Date: 22.Mar.2024

Ida Lazewska

Technical Manager