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Certificate of Analysis


Product: *endo*-1,4- β -D-Mannanase (*Aspergillus niger*)
Cat. No: E-BMANN
Lot. No: 161201B
Expiry Date: December, 2027

Specific activity and level of other activities:

One Unit of mannanase activity is defined as the amount of enzyme required to release one μ mole of reducing sugar equivalents from the substrate employed at pH 4.0 and 40°C.

Substrate	Specific Activity (U/mg protein)
Carob Galactomannan (10 mg/mL, pH 4.0, 40°C)	58
CMC4M	0.066
Xylan	0.001
<i>p</i> NP- α -galactoside	< 0.015
<i>p</i> NP- β -galactoside	< 0.001
<i>p</i> NP- β -Xyloside	< 0.001
<i>p</i> NP- β -mannoside	< 0.0001
<i>p</i> NP- α -Glucoside	< 0.0001
<i>p</i> NP- β -Glucoside	< 0.0001

This lot meets our specification.

Signature: 

Date: 04.Apr.2024

Ciara McLoughlin
QC Manager

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