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Certificate of Analysis

Product: β-Glucosidase (*Aspergillus sp*)
Cat. No: E-BGLUC
Lot. No: 200701B
Expiry Date: 2027-12-31

Specific activity and level of other activities:

25 U/mg protein (on *p*NP-β-D-glucopyranoside) at pH 4.0 and 40°C

One Unit of β-glucosidase activity is defined as the amount of enzyme required to release one µmole of *p*-nitrophenol per minute from *p*NP-β-D-glucopyranoside in sodium acetate buffer (100 mM), pH 4.0 at 40°C.

Substrate	%
*p*NP-β-glucopyranoside	100
Starch	< 0.01
Sucrose	< 0.01
Maltose	< 0.01
CM-Cellulose	< 0.01

Action on *p*NP-substrates and polysaccharides was determined at a final substrate concentration of 5 mM and 5 mg/mL, respectively, in sodium acetate buffer (100 mM), pH 4.0 at 40°C.

This lot meets our specification.

Signature: Ciara McLoughlin **Date:** 2024-06-21

Ciara McLoughlin

QC Manager

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

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