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Certificate of Analysis

Product: *exo*-Inulinase (*Aspergillus niger*)
Cat. No: E-EXOIAN
Lot. No: 240923
Expiry Date: 2027-12-31

Specific activity and level of other activities:

1100 U/mg protein (on Kestose) at 4.5 and 40°C
~2200 U/mg protein (on Kestose) at 4.5 and 60°C
One Unit of exo-inulinase activity is defined as the amount of enzyme required to release one µmole of β-D-fructose reducing-sugar equivalents per minute from kestose (10 mg/mL) in sodium acetate buffer (100 mM) at pH 4.5.

Substrate	%
Kestose	100
Sucrose	143
Raffinose	36
Inulin (dahlia)	11

Action on all substrates was determined at final concentration of 5 mg/mL in sodium acetate buffer (100 mM), pH 4.5 at 60°C.

This lot meets our specification.

Signature: Kevin O'Leary **Date:** 2024-09-24

Kevin O'Leary
QC Specialist

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

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