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# Certificate of Analysis

**Product:** Protease (Subtilisin A from *Bacillus licheniformis*)
**Cat. No:** E-BSPRT-100ML
**Lot. No:** 190503A
**Expiry Date:** December, 2026

**Specific activity and level of other activities:**

One Unit will hydrolyse casein to produce colour equivalent to 1.0 µmole (181µg) of tyrosine per minute at pH 7.0 at 40°C (colour by Folin-Ciocalteu reagent).

| Substrate | Specific Activity (U/mg) |
|---|---|
| Azo Casein | >8 tyrosine-equivalent Units/mg |
| Azo Casein | 50mg/mL (i.e. 350 U/mL) |
| β-glucanase | Essentially Devoid |

This lot meets our specification.

**Signature:** Ciara McLoughlin **Date:** 12.Jan.2023

Ciara McLoughlin

QC Specialist

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

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