



Megazyme Building 1,  
Bray Business Park,  
Bray, Co. Wicklow,  
A98 YV29,  
Ireland.  
Tel: + 353 1 2861220 Fax: + 353 1 2861264

## Certificate of Analysis


**Product:**  $\alpha$ -Amylase (Porcine Pancreatic)  
**Cat. No:** E-PANAA-12G  
**Lot. No:** 240102  
**Expiry Date:** December, 2027

### Specific activity and level of other activities:

Substrate	Activity (U/g) at pH 6.9 and 40°C
Ceralpha Reagent ( $\alpha$ -amylase)	~75,000

One Unit of  $\alpha$ -amylase is the amount of enzyme required to release one  $\mu$ mole of p-nitrophenol from blocked p-nitrophenyl-maltoheptaoside per minute (in the presence of excess  $\alpha$ -glucosidase) at pH 6.9 and 40°C.

This lot meets our specification.

**Signature:** 

**Date:** 07.Feb.2024

Ciara McLoughlin

QC Manager

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