



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

## Certificate of Analysis

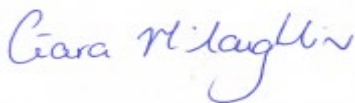
**Product:** Hexokinase/Glucose-6-phosphate dehydrogenase  
**Cat. No:** E-HKGDH  
**Lot. No:** 221101  
**Expiry Date:** December, 2026

### Specific activity:

**Hexokinase (HK); 194 U/mg of protein at pH 7.5 and 25°C before mixing with G6P-DH**  
**One Unit** of hexokinase is the amount of enzyme required to produce one  $\mu$ mole of NADPH from NADP+ per minute.

**Glucose-6-Phosphate Dehydrogenase (G6P-DH); 665 U/mg of protein at pH 7.8 and 25°C before mixing with hexokinase (HK).**  
**One Unit** of Glucose-6-phosphate Dehydrogenase activity is the amount of enzyme required to convert one  $\mu$ mole of glucose-6-phosphate to 6-phosphogluconate per minute.

This lot meets our specification.

**Signature:** 

**Date:** 27.Jan.2023

Ciara McLoughlin  
QC Specialist

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