

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: GLYKO® PNGASE A (Peptide N-Glycosidase from Almond)  
PRODUCT CODE: GKE-5011A  
LOT NUMBER: DH59 007  
FORMULATION: Lyophilized from citrate phosphate buffer (pH 5.0)  
RECONSTITUTION: Dissolve the lyophilizate in 40 µl of reaction buffer [50 mM citrate-phosphate (pH 5.0), 0.02% sodium azide]  
STORAGE: 2-8°C. Store redissolved enzyme at 2-8°C for up to 6 months.  
PACK SIZE: 2 mU  
EXPIRATION: October 2019  
RE-ASSAY DATE: January 2016

### QUALITY CONTROL:

1) Activity <sup>1</sup> :	Passed	(Specification: ≥ 2 mU/vial)
2) Specific Activity:	Passed	(Specification: > 5 U/mg)
3) Contaminants <sup>2</sup> :	Passed	(Specification: ≤0.1%)

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Authorized Signature

1. One unit is defined as the amount of enzyme required to hydrolyze 1 µmole of ovalbumin glycopeptide per minute at pH 5.0 and 37°C.
2. The absence of exoglycosidase contaminants was confirmed for the following: α-galactosidase, β-galactosidase, α-mannosidase, β-mannosidase, β-glucosidase, β-N-acetylhexosaminidase, α-L-fucosidase, sialidase and β-xylosidase.