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Certificate of Analysis

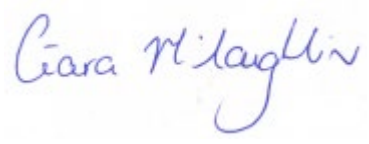
Product: Phosphotransacetylase (*Bacillus subtilis*)
Cat. No: E-PTABS
Lot. No: 70405B
Expiry Date: December, 2026

Specific activity and level of other activities:

3500 U/mg protein at pH 7.4 and 25°C
One Unit of phosphotransacetylase is the amount of enzyme required to produce one µmole of acetyl-CoA from coenzyme A per minute measured at 233 nm under the following assay conditions:

Tris.HCl buffer, pH 7.4	86 mM
L-Glutathione (reduced)	1.7 mM
Coenzyme A	0.44 mM
Lithium potassium acetyl-phosphate	7.4 mM
Ammonium sulphate	17 mM

This lot meets our specification.

Signature:  **Date:** 21.Dec.2022

Ciara McLoughlin
QC Specialist

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

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