



CERTIFICATE OF ANALYSIS

Alpha Amylase

Product Specifications

Product code:	E101-2
Product presentation:	Supplied lyophilised from 0.02M TRIS buffer pH 7.2 containing 0.15M NaCl and 1mM CaCl ₂ .
Specifications:	>50 units/mg.
Unit Definition:	One unit will catalyse the hydrolysis of one micromole of malto pentose, which through coupled reactions results in the formation of 5 micromoles of glucose-6-phosphate per minute at 37°C. Measured at 340nm as an equimolar amount of NADH produced by a coupled reaction.
Starting material:	Human saliva. Starting material has been donor tested and found to be negative for HIV I and II antibodies, Hepatitis B surface antigen, Hepatitis C antibodies, HIV-1 antigen and Syphilis by approved FDA methods.
Storage:	Store below -15°C, shelf life minimum 1 year.

Product Analysis

Total protein by Optical Density at 280nm.	Report Result
Alpha-Amylase level measured by Dade Behring ACA at 37°C.	Report Result
Specific Activity.	Report Result