



Enzyme
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CERTIFICATE OF ANALYSIS

Cat No:	Stablex™
Lot:	AE7862
Description:	Gelatin Type A Porcine Skin
Concentration:	20 mg /mL
Aliquots:	1 x 100 mg
Volume/aliquot:	5.0 mL
Activity:	N/A
Total Protein:	100 mg
Liquid:	Distilled water with 0.05% sodium azide
Storage:**	Room Temperature
Expiration Date:	**/****

Stablex™ can be used as an alternative to bovine serum albumin (BSA) as a stabiliser for proteins / enzymes at low concentrations. Use of *Stablex™* has the advantage that it minimises loss of proteins / enzymes due to adsorption on glass / plastic surfaces. It has been shown that using *Stablex™* at 1 mg/mL in buffer retains enzyme activity over longer periods even at room temperature.

As *Stablex™* is of non-bovine origin it can be used safely without the risk of viral infection causing mad cow disease associated with BSA.

Another advantage of the *Stablex™* at 1 mg/mL is that it appears as only a very faint background smear on gels so does not interfere during analysis by SDS PAGE of enzymes / proteins.

Stablex™ can also be used to block reactive sites on microtitre plates or other plastic / glass surfaces and also as an additive for cell culture media instead of BSA.

****Note:** During transport / storage this product may become gel. In the event that the product becomes gel-like *Stablex™* can be warmed gently to 37°C to liquify.

****Note:** Not tested for endotoxins, proteases and inhibitors.