

## Specification Sheet

Product Name: **Collagenase from Clostridium histolyticum**  
Specifications & Purity: 0.2  $\mu$ m filtered, Type V-S,  $\geq 1$  FALGPA units/mg solid,  $\geq 125$  CDU/mg solid  
SKU #: **C754902Z**

Parameter	Limit Values
Caseinase	$\geq 5.0$ (units/mg)
Clostripain	$\geq 0.1$ (units/mg)
Collagen Collagen Unit definition: One unit liberates peptides from collagen from bovine achilles tendon equivalent in ninhydrin color to 1.0 micromole of leucine in 5 hours at pH 7.4 at 37 deg C in the presence of calcium ions.	$\geq 125$ (units/mg)
FALGPA One unit hydrolyzes 1.0 micromole of FALGPA (Furylacryloyl-LeuGI $\gamma$ -Pro-Ala, F5235) per min at pH 7.5 at 25 deg C in the presence of Calcium ions. the presence of Calcium ions.	$\geq 1$ (units/mg)