

Specification Sheet

Product Name: **Collagenase from Clostridium histolyticum**
Specifications & Purity: sterile-filtered, Type IA-S, 0.5-5.0 FALGPA units/mg solid, ≥ 125 CDU/mg solid
SKU #: **C754914Z**

Parameter	Limit Values
Appearance(C754914Z)	Faint beige to dark beige and faint brown to dark brown powder
Caseinase	≥ 10 (units/mg)
Clostripain	≥ 0.1 (units/mg)
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. ions.	≥ 125 (units/mg)
Enzymatic Impurities Tryptic Activity; Expressed in units/mg solid	≥ 0.01
FALGPA One unit hydrolyzes 1.0 micromole of FALGPA (Furylacryloyl-Leu-Gly-Pro-Ala, F5135) per min at pH 7.5 at 25 deg C in the presence of calcium ions.	0.5-5 (units/mg)