

**Product Specification Sheet**

Description: Human Neutrophil  
Elastase  
Product Number: SP34  
Aliquot: 0.5 mg  
Lot Number: sp34.587  
Storage: 4°C

<b>DESCRIPTION:</b>	Lyophilized Human Neutrophil Elastase
<b>MOLECULAR WEIGHT:</b>	29.5 kDa
<b>CONCENTRATION:</b>	Lyophilized
<b>STORAGE BUFFER:</b>	Reconstitute in 0.05 M Na Acetate, 0.1 M NaCl, pH 5.0 (stable for 7 days at 4°C) or 50% glycerol, 50% 0.02 M Na Acetate, pH 5.0 (stable for 60 days at -20°C)
<b>STORAGE:</b>	Store lyophilized powder at 4°C.
<b>PURIFICATION:</b>	Chromatography
<b>PURITY:</b>	>95% by SDS-PAGE analysis
<b>SPECIFIC ACTIVITY:</b>	875 U/mg. 1 unit will hydrolyze 1 umole of substrate (Suc-Ala-Ala-Ala-pNa) per minute at pH 7.5 and 25°C.