

Urease from Jack bean

Product Code: 174674

EC no: 3.5.1.5

SKU: 174674

Category: [Enzymes](#)

PRODUCT DESCRIPTION

SPECIFICATIONS:

EC 3.5.1.5

Product name: Urea amidohydrolase

Appearance: white amorphous powder lyophilized

Activity: 150 U/mg-solid or more

Contaminants: $\text{NH}_4^+ \leq 2.0 \times 10^{-4} \mu\text{mol/U}$

Stability: Stable at - 20 °C for at least 12 months

Molecular weight: Approx. 480,000

Isoelectric point 5.0 – 5.1

Michaelis constants: $1.05 \times 10^{-2} \text{ M}$ (Urea)

Structure: 8 active sites with SH-groups per mole of the enzyme

Inhibitors: Heavy metal ions (Ag^+ , Hg^{2+} , etc.)