



**endo-1,3-β-GLUCANASE from *Trichoderma* sp. (Lot 91102b)**

**E-LAMSE**

**08/14**

(EC 3.2.1.39) 3-beta-D-glucan glucanohydrolase

**PROPERTIES**

**1. ELECTROPHORETIC PURITY:**

- Single major band on SDS-gel electrophoresis (MW=32,000)
- Single band on isoelectric focusing (pI 5.3)

**2. SPECIFIC ACTIVITY AND LEVEL OF OTHER ACTIVITIES:**

Substrate	Specific Activity (U/mg protein)
CM-Curdlan (DS ~ 0.4)	15.0
Schleroglucan (3 mg/mL, pH 4.0, 40°C)	0.04
Ceralpha reagent (α-Amylase)	0.000
p-NP-β-glucosidase	0.001

One Unit of activity is the amount of enzyme, which at pH 4.5 and 40°C, releases one micromole of glucose-reducing-sugar equivalents from per minute from the appropriate substrate.

**3. STORAGE CONDITIONS**

The enzyme is supplied as an ammonium sulphate suspension in 0.02% sodium azide and should be stored at 4°C.