

Extracellular Polysaccharides of *Penicillium vermiculatum*

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Extracellular polysaccharide mixture that forms a viscous mucilate in the fermentation medium during industrial cultivation of *Penicillium vermiculatum* was isolated by ethanol precipitation and its structural characteristics were investigated by a combination of physico-chemical methods. The mixture contained two structurally different polysaccharides similar to those previously described for some fungal species. This is the first report of the fully structurally characterized extracellular polysaccharides of *Penicillium vermiculatum*.