Extracellular Polysaccharides of *Penicillium vermiculatum*

Grigorie Kogan*a,*, Mařa Matulováa and Eva Michalkováb

a Institute of Chemistry, Slovak Academy of Sciences, Dúbravská cesta 9, 842 38, Bratislava, Slovakia. Fax: +421-2-59410222. E-mail: kogan@savba.sk

b Biotika, a.s., 976 13 Slovenská Lúpča, Slovakia

* Author for correspondence and reprint requests

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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 physicochemical 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*. 