

EVALUATION OF CRUDE GALACTOMANNANS AS AQUEOUS-PHASE FORMING POLYMERS

Armando Venâncio¹, José A. Teixeira¹ and Manuel Mota²

¹Universidade do Porto, Fac. de Engenharia, Dep. Eng. Química
Rua dos Bragas, 4099 Porto Codex

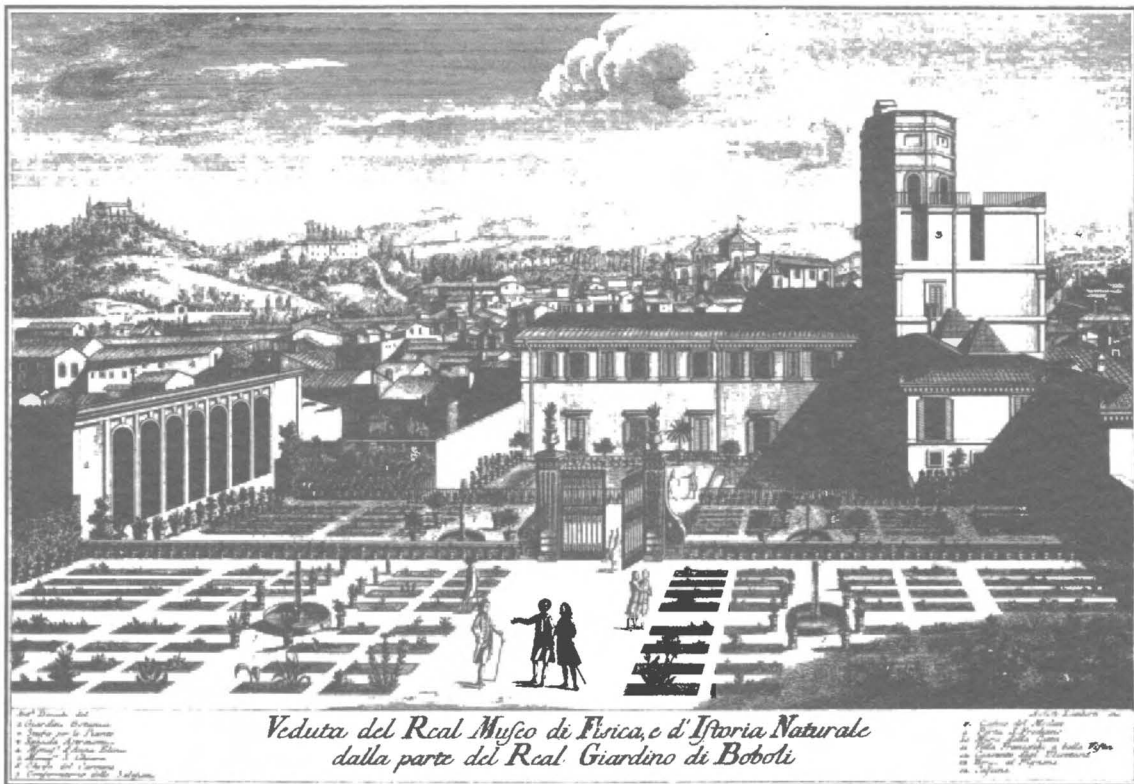
²Universidade do Minho, Dep. de Eng. Biológica
Largo do Paço, 4719 Braga Codex
Portugal

Aqueous two-phase systems based on crude galactomannans may be an interesting alternative, due to its low cost, to traditional dextran - PEG systems and, due to its environmental advantages, to salt-PEG systems.

Two phase aqueous polymer systems made from poly(ethylene glycol) and crude galactomannans (either Guar gum or Locust bean gum) were characterised.

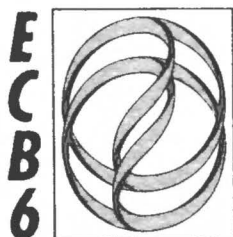
The influence of pH, ionic strength and mannose to galactose ratio on the partition behaviour of BSA was studied.

It is shown that this systems may be used on aqueous two-phase extractions.



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ABSTRACT BOOKS

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