

## Bioelemental composition of some strains of medicinal plants of Araliaceae family (*Araliaceae*)

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### Abstract

By mass spectrometry with inductively coupled plasma (ICP-MS) we studied macro- and microelement composition in tissue cultures of different strains of the families *Araliaceae* (*Panax ginseng* C.A.Mey, *Panax quinquefolius* L. and *Polyscias filicifolia* (Moore ex Fournier) Bailey). The presence of all vital elements in the investigated objects was established. Analysis of the data showed that despite the same composition of the culture medium used for the cultivation of biomass in cultured cells of the studied strains there were observed large differences in the content of macro- and microelements.