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### Production of volatile Sulphides in Allium Porrum cell cultures

"Asghari Gh.R, Lockwood GB, Houshfar Gh.A "



#### Abstract:

Production of volatile sulphides in cell cultures of Allium porrum is described. Allium porrum calluses were initiated from whole seedlings. The high growth rate of Allium porrum callus was achieved in Murashige and Skoog media containing only 1 ppm 2, 4-Dichlorophenoxy acetic acid. The routine method of solvent extraction of volatile sulphides was used for Allium porrum and the concentrated extract was subjected to capillary GC and GC-MS. Dipropyl disulphide and 4-methyl thiazolethanol were identified in A. porrum aggregated suspension cells.

#### Keywords:

Allium porrum , Dipropyl disulphides , Thiaminase

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