

# L-GLUTAMATE DETERMINATION IN FOODS BY AMPEROMETRIC DETECTION

Neli DARIE\*, Diana MITRACHE\*\*

\* *"Lucian Blaga" University Sibiu, Faculty of Food and Textiles Technologies*

\*\* *Hygiene Institute Bucuresti*

**Abstract:** Glutamate is found in a variety of foods and biological materials. There was developed a glutamate sensor based on an enzymatic system (L-glutamate dehydrogenase (L-GLDH), glutamate oxaloacetate transaminase (GOT), diaphorase (D)) and was monitoring the L-glutamate concentration (as substrate), by amperometric detection with the electrochemical specific biosensor tri-enzymatic, in various foods.

**Keywords:** biosensor, L-glutamate, tri-enzymatic system, flavour, seasoning, food

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Corresponding author Neli Darie, Universitatea "Lucian Blaga" din Sibiu, Facultatea de Tehnologie Textilelor și Produselor Alimentare, Str. I. Rațiu 7-9, 550012 Sibiu, Romania

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