

ALTERNATIVE METHOD FOR ASPARTAME DETERMINATION USING NINHYDRIN

Nicolae BUTU, Traian FLOREA

University "Dunarea de Jos" Galati, Romania

Abstracts The paper presents results obtained for aspartame content in sucrose/aspartame mixtures using a spectrophotometric method. The colour reaction is produced with ninhydrin during a thermal treatment. The absorption is measured at 570 nm and compared with a standard curve. The deviations from the "true values" are less than 3,33% and the coefficients of variation are less than 4.69%.

Corresponding author Nicolae Butu, University "Dunarea de Jos" of Galati, Galati, Romania

Acta Universitatis Cibiniensis Series E: FOOD TECHNOLOGY

Vol. II (1998), no.2, p. 37-40