

Title (en)

METHOD FOR QUALITATIVE DETECTION OF ADDED PROTEINS IN FOODS

Title (de)

VERFAHREN ZUM QUALITATIVEN NACHWEIS VON ZUGESETZTEN EIWEIß- STOFFEN IN LEBENSMITTELN

Title (fr)

PROCEDE POUR LA DETECTION QUALITATIVE DE PROTEINES AJOUTEES DANS DES DENREES ALIMENTAIRES

Publication

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Application

**EP 07785818 A 20070613**

Priority

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Abstract (en)

[origin: WO2008003388A1] According to the invention, a method is disclosed for the qualitative detection of added proteins in foods, in particular added protein hydrolysates or blood plasma in meat and meat products, wherein the foods are separated at the sample preparation stage into precipitate and fluid phases, the method being characterized in that at least one part of the fluid phase and/or at least one part of the precipitate phase is hydrolysed, and the released amino acids obtained in this manner are characterized qualitatively and quantitatively, the sample contents of these released fluid-phase and/or precipitate-phase amino acids being compared with similar sample contents originating from the corresponding foods which have not been treated with protein hydrolysates and/or blood plasma.

IPC 8 full level

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Citation (search report)

See references of WO 2008003388A1

Citation (examination)

- CONSTANTINOS G ZARKADAS ET AL: "Comparison of the Total Protein, Nitrogen, and Amino Acid Composition of Selected Additives and Ingredients Used in Composite Meat Products", JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY, vol. 36, no. 6, 1 November 1988 (1988-11-01), pages 1121 - 1131, XP055043709
- NGUYEN Q ET AL: "COMPARISON OF THE AMINO-ACID COMPOSITION OF TWO COMMERCIAL PORCINE SKINS RIND", JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY, AMERICAN CHEMICAL SOCIETY, US, vol. 34, no. 3, 1 January 1986 (1986-01-01), pages 565 - 572, XP002468288, ISSN: 0021-8561, DOI: 10.1021/JF00069A048

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