

**POSSIBILITIES OF SELECTIVE DETERMINATION OF SMALL AMOUNTS OF
NIACIN, RIBOFLAVIN AND THIAMINE IN FOODS**

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Niacin, riboflavin and thiamine (as thiochrome) were determined in enzymic hydrolysates of foods by high performance liquid chromatography. Paired ion chromatography, combined with ultraviolet and fluorescent spectroscopy, allowed for highly selective and sensitive detection of the vitamins.

The results of the assays were similar to the more time-consuming manual methods but the accuracy and sensitivity were much higher using fluorescent detection.