

Project No: T-3100

Project Title: Gourmet

Object: To develop a flavour for a new aromatic cigarette.

Personnel Involved: A.F. El Naggar

1st Quarter 1971: Several flavours are being formulated and applied to flue cured cigarettes. One which has potential at the present time is an Anise type flavour. Work is in progress.

2nd Quarter 1971: Three additional flavours to the anise type flavour were prepared for evaluation.

The transfer of Anethole to the smoke of cigarettes was determined. Anethole is known to be the major component of Anise oil.

The results obtained showed that transfer values of anethole (I) ranged from 12% to 15%, the cigarette butt retention of (I) was approximately 42% and the amount pyrolysed of (I) was 43% to 46% of the amount initially added to cigarettes.

2nd Half 1971: Two more flavours were developed and evaluated by the preliminary cigarette evaluation panel. One of the flavours, called Limentha II, was not considered pleasant by the panel; the combination of menthol and an additional lime fruity note was not acceptable at this stage of development.

The other flavour, coded F-39, was more subtle and spicy. It was very well received by the panel and seems to be successful on the blend to which it was applied.

Currently, the latter flavour is being modified and is being applied to other tobacco blends.

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