

PHILIP MORRIS U.S.A.
RESEARCH CENTER

(to be supplied later as needed)
Keywords

Project No. 501 Book 7366

Cross-reference: Book _____ Page(s) _____

*October Summary
29-Oct-82*

One bright cigarette and one Keeley cigarette (X60105-101) were smoked onto silica gel (main stem & side stem) and serially eluted for comparison by GC-MS → NPD/MS. Later an oriental blend (X60105-K) was also put through the procedure for the comparison.

All of these cigarettes (X60105-1, 5, K) were smoked out silica and the silica was extracted with liquid CO₂. The extracts were compared by GC-MS → NPD/MS.

A liquid CO₂ extraction was made of Oriental tobacco from 3 X60105-K cigarettes. The extract contained the normal "vapor" g.c. peaks and peaks corresponding to nicotine, myosmine, anabasine, nicotyrine, cotinine. A extract in acetone indicated a nicotine level of 0.08 percentage nicotine. The tobacco was made into one cigarette for smoke comparison with a control (X60105-K).

A D/A circuit board was installed in the HP-5880A enabling a connection to the disk storage of the Vanta and gave this to the Doc computer.

Others present who observed or performed any of the work are:

Above entries by

(Signature)

on

(Date)

This record read and understood by

on

2012602322