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AMES MUTAGENIC ACTIVITY OF
SIDESTREAM CONDENSATE OF EIGHT
COMMERCIAL CIGARETTES FROM THE
FINNISH MARKET

REPORT NO. T.169

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26th January, 1987

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SUMMARY

The relative specific mutagenicity of sidestream condensate from two prototype (coded 40A and 41A) and eight commercial cigarettes (coded A to H) selected from the Finnish market were assessed using the Ames bacterial mutagenicity assay.

The cigarettes have been ranked in descending order of their relative specific mutagenic activities:

Prototype code 40A - A - B - C Prototype code 41A - D - E - F - G - H

with a 1.4-fold difference between the maximum and minimum specific activities.

It must be stressed that these results are relative within this experiment, are based upon machine smoked parameters and indicate comparative activity within a bacterial mutagenicity system.

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KEY WORDS

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Mutagenicity
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Finland
Low Visible Sidestream Delivery

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