DRAFT

SUBJECT MATTER

The biological activity of the mainstream smoke of the test cigarette URSUS is currrently being investigated in a 90-day inhalation study (Protocol CRC B6032/INBIFO P0500/3197).

There was an interim dissection after 21 days. In this document the results are summarized.

GENERATION AND CHARACTERAZATION OF THE DILUTED MAINSTREAM SMOKE (MS)

The mainstream smoke is generated using 30-port INBIFO smoking machines (INBIFO type SM85 for the 1R4F and INBIFO type URSUS 92 for the URSUS). The mainstream smoke of URSUS is generated at a low (16 J) and a high (20 J) energy level. The mainstream smoke is diluted with filtered and conditioned fresh air immediately behind the cigarette and the smoking machine for 1R4F and URSUS, respectively. The target TPM concentrations of 50 and 100 ug TPM/l are not adminstered, because those target concentrations for URSUS at the low energy level can not be reached without reducing the flow rate through the exposure chamber below 27 l/min i.e. below 0.7 l/rat and min, which means 'an unacceptable and untolerable exposure condition'. Therefore, the target TPM concentrations for