

Research & Development	
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June 16, 1961.

Dr. I.W. Hughes,  
 Research & Development Establishment,  
 Regent's Park Road,  
 Southampton, England.

Dear Wally,

We have been working on a method of simultaneous tar and nicotine determination (a modified Snell procedure) from the same lot of smoked cigarettes instead of the usual separate smoking for tar and nicotine evaluation. The nicotine determination carried out via a Markham Still on an aliquot equivalent to the smoke from one cigarette has consistently given lower values (of the order of 0.06 mg/cigt) than those from our usual macro procedure and we have not been able to account for this difference.

Bob Wade has informed me that you are now employing a similar method. Although Bob brought back the chemical details, it would be most appreciated if I could obtain information as to the type of still being used, any particular technique "tricks" and how the results of this method compared with that of Snell with respect to nicotine.

With best regards.

Yours truly,

  
 J.E. de Souza  
 RESEARCH LABORATORY

JEds:BS  
 c.c. Dr. S.J. Green ✓  
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