

IWH/JW/46C

27th November, 1964.

R.S. Wade, Esq.,
Imperial Tobacco Co. of Canada Ltd.,
P.O. Box 6500,
Montreal,
Canada.

Dear Bob,

I believe Mr. Anderson has written to you concerning the measurement of pH of smoke for your fermented and unfermented cigar filler tobacco work.

As you know, for some little time we have been interested in the pH measurement and have been trying to relate it to the nicotine content of the smoke and the physiological response of the smoker. We have looked at several methods of determining pH in the smoke and have finally standardised on the Grob method; as far as I am aware Bristol have done the same thing.

The great advantage of this method appears to be its reproducibility and certainly gives us a continuing measurement which we can apply to our experiments. Would it be possible for you to include it along with any other techniques you may be using, since it should give us a common basis for comparison of results if and when we need this?

I enclose a photocopy of the Grob technique for your information and would welcome any comments you and your people may have on it.

I hope everything is going well with you.

Kind regards to everybody.

Yours sincerely,



I.R. HUGHES

c.c. H.D. Anderson, Esq.

100086778