

xc: D. Stone  
9/25/87  
my

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RICHMOND, VIRGINIA

To: Mr. C. S. Brumberg

Date: September 22, 1987

From: R. L. McDaniel

Subject: Chemical Composition of 1987 Crop Philippine Burley Stems (L7QN)

Test No: 87-019-PHI

The data requested by Mr. B. Tuscher on two samples of 1987 crop Philippine burley stems are given in Table I. Total Nitrogen data were generated using the LECO FP-228 Nitrogen Analyzer. The relative standard deviation (RSD) at the 2-Sigma level of the various methods of determination is given below to assist in the interpretation of the results.

<u>Analysis</u>	<u>Method RSD %</u>
Total Alkaloids	3
Total Nitrogen	5
Soluble Ammonia	4
Ash	6
Nitrate Nitrogen	5
Chlorides	7
OV (3 hours)	3

Tobacco monitors with a known mean and RSD are analyzed with each testing. This RSD includes variation in the method plus variation in the monitor tobacco itself.

Results are reported on a 12% moisture basis.

If any questions arise during the interpretation of the results, please let me know.

Attachment

R.L. McDaniel

cc: Mr. L. Cooper  
Dr. R. Cox  
Mr. L. Jennings  
Mr. F. Lowman  
Analytical File

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TABLE I  
Chemical Analysis (12%)

<u>Identification</u>	<u>% Total Alkaloids</u>	<u>% Total Nitrogen</u>	<u>% Sol. Ammonia</u>	<u>% Ash</u>	<u>% Nitrate Nitrogen</u>	<u>% Chlorides</u>
1987 Crop Isabela	0.39	1.92	0.16	24.6	0.48	0.90
1987 Crop Pangasinan	0.34	3.26	0.51	22.5	1.13	1.25

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