



TEST REPORT

January 24, 2012
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IPS FI 00035-12

Report to: Phil Aikman
Greenpeace UK
Canonbury Villas
London, England N1 2PN

Sample identification: Project GPI (1 sample)

Date received: October 18, 2011

Test requested: Fiber Analysis with Species Percent

Purchase Order: Credit Card (Aikman)

Report of Fiber Analysis

Enclosed are the results of the analysis performed on the batch F sample we received with your Test Services Request Form.

The species percentages are for the respective components only, not for the entire sample. The error ranges for the pulp types are listed in the Tappi T 401 method and those for the species percentages are generally double this range.

If you have any questions concerning this work, please do not hesitate to contact us.

Authorized By: Gregory J. Fox Signed Walter J. Rantanen
Gregory J. Fox
Lab Manager
Walter J. Rantanen
Technical Leader, Fiber Science
(920) 749-3040 Ext. 127

WJR/bld

Table 1. Fiber Analysis, including Species Percentages, of Danone – Nutricia

Fiber Type	<u>Softwood</u>	Raw Count	<u>160</u>
Bleaching	<u>Bleached</u>	Weight Factor	<u>1.00</u>
Pulp Process	<u>Kraft</u>	Final Count	<u>160</u>
		% by Weight	<u>39%</u>

<u>Species</u>	<u>Total Fibers Identified</u>	<u>Calculated Percent By Weight</u>
Hard Pine (Except Red & Scotch)	117	≈99%
[Spruce and/or Hemlock]	2	≈1%

Fiber Type	<u>Hardwood</u>	Raw Count	<u>536</u>
Bleaching	<u>Bleached</u>	Weight Factor	<u>0.45</u>
Pulp Process	<u>Kraft</u>	Final Count	<u>241</u>
		% by Weight	<u>59%</u>

<u>Species</u>	<u>Total Vessels Counted</u>	<u>Calculated Percent By Weight</u>
Mixed Tropical Hardwoods*	97	≈97%
Acacia	3	≈3%

Comments: *At least 15 different types were detected, one which resembles species in the Myristicaceae family.

Fiber Type	<u>Softwood</u>	Raw Count	<u>4</u>
Bleaching	<u></u>	Weight Factor	<u>1.50</u>
Pulp Process	<u>Mechanical</u>	Final Count	<u>6</u>
		% by Weight	<u>2%</u>

Species:
 Principal - None Identified

Method: TAPPI Test Method T 401 om-03 "Fiber Analysis of Paper and Paperboard."
The Species Percentage determination is an internal method of IPS.

Analyzed by KLA & WJR

Quality review by KTM

Date(s) of testing January 18 – 23, 2012

Notes: These results relate only to the item(s) tested. This test report shall not be reproduced, except in full, without written consent of IPS.



Figure 1. Danone – Nutricia 10x objective
Mixed Tropical Hardwoods vessel

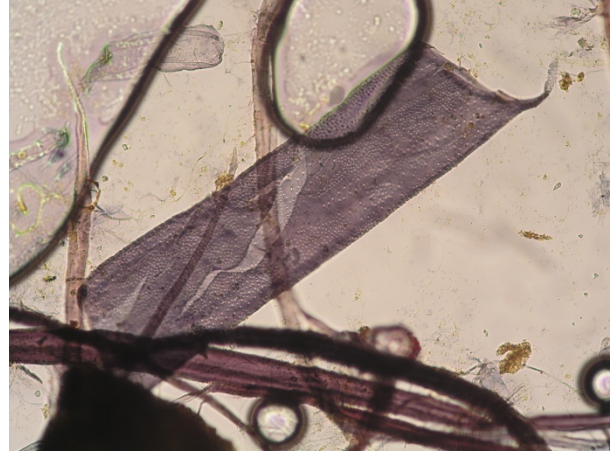


Figure 4. Danone – Nutricia 20x objective
Mixed Tropical Hardwoods vessel



Figure 2. Danone – Nutricia 10x objective
Mixed Tropical Hardwoods vessel

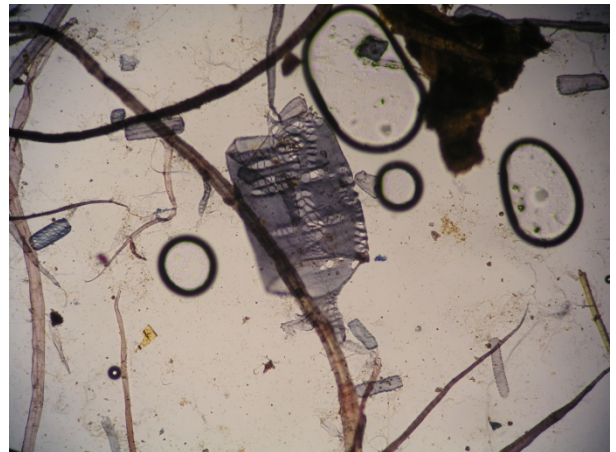


Figure 5. Danone – Nutricia 10x objective
Mixed Tropical Hardwoods vessel



Figure 3. Danone – Nutricia 10x objective
Mixed Tropical Hardwoods vessel