



IPSTESTING

TEST REPORT

Date
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IPS FI 00000-11

Report to: Mr. John Doe
President
Company Q
123 Main St.
Appleton, WI 54911

Sample identification: 1 Paper Sample

Date received: September 8, 2011

Test requested: Species Percent

Purchase Order: Credit Card

Report of Fiber Analysis

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

The species percentages are for the respective components only, not for the entire sample.

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

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

WJR/bld

Table 1. Fiber Analysis, Including Species Percentages, of Sample One

Fiber Type	<u>Softwood</u>	Raw Count	<u>152</u>
Bleaching	<u>Bleached</u>	Weight Factor	<u>0.90</u>
Pulp Process	<u>Kraft</u>	Final Count	<u>137</u>
		% by Weight	<u>16%</u>

Species:

Principal - [White and/or Red Pine], [Spruce and/or Hemlock]

Fiber Type	<u>Hardwood</u>	Raw Count	<u>1766</u>
Bleaching	<u>Bleached</u>	Weight Factor	<u>0.37</u>
Pulp Process	<u>Kraft</u>	Final Count	<u>653</u>
		% by Weight	<u>77%</u>

<u>Species</u>	<u>Total Vessels Counted</u>	<u>Calculated Percent By Weight</u>
Eucalyptus	181	≈63%
Acacia	85	≈27%
Maple	2	Trace
Cherry	3	Trace
Birch	1	Trace
Blackgum	2	Trace
Beech	2	Trace
Basswood		Trace

Table 1. Fiber Analysis, Including Species Percentages, of Sample One (contd.)

Fiber Type	<u>Hardwood</u>	Raw Count	<u>78</u>
Bleaching	<u></u>	Weight Factor	<u>0.70</u>
Pulp Process	<u>Chemimechanical</u>	Final Count	<u>55</u>
		% by Weight	<u>7%</u>

Species:

Principal - Populus spp.

Overall Comments: A trace of Softwood Mechanical pulp - [Spruce and/or Hemlock] was detected.

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 JML & WJR

Quality Review by BLD

Date(s) of testing September 1 - 2, 2011

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.