



# IPS TESTING

Test Report  
June 18, 2019  
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SGS-IPS 00810-19

Report to: Chris Reitmeyer  
Integrated Paper Services Inc.  
3211 E. Capitol Drive  
Appleton, WI 54911

Sample Identification: **Project 1020304 (2 Bath Tissues)**

Date Received: June 10, 2019

Test(s) Requested: TAPPI T 401

PO Number: 16229347

## Report of Fiber Analyses

Enclosed are the results of the analyses performed on the samples we received.

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

Authorized by \_\_\_\_\_  
Rhonda J Mesko  
Laboratory Manager

Signed Walter J. Rantanen  
Walter J. Rantanen  
Lab Operations Lead  
Fiber Science  
920-749-3040 x 29236

Table 1. Fiber Analysis of Sample One

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Fiber Type	<u>Softwood</u>	Raw Count	<u>208</u>
Bleaching	<u>Bleached</u>	Weight Factor	<u>0.90</u>
Pulp Process	<u>Kraft</u>	Final Count	<u>187</u>
		% by Weight	<u>39.4%</u>

Species:

Principal - [Spruce and/or Hemlock]

Some - Douglas-fir, Hard Pine (Except Red & Scotch)

Fiber Type	<u>Hardwood</u>	Raw Count	<u>824</u>
Bleaching	<u>Bleached</u>	Weight Factor	<u>0.35</u>
Pulp Process	<u>Kraft</u>	Final Count	<u>288</u>
		% by Weight	<u>60.6%</u>

Species:

Principal - Eucalyptus

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Table 2. Fiber Analysis of Sample Two

Fiber Type	<u>Softwood</u>	Raw Count	<u>214</u>
Bleaching	<u>Bleached</u>	Weight Factor	<u>0.90</u>
Pulp Process	<u>Kraft</u>	Final Count	<u>193</u>
		% by Weight	<u>41.1%</u>

Species:

Principal - [Spruce and/or Hemlock]

Some - [White and/or Red Pine], Hard Pine (Except Red & Scotch), Fir

Fiber Type	<u>Hardwood</u>	Raw Count	<u>789</u>
Bleaching	<u>Bleached</u>	Weight Factor	<u>0.35</u>
Pulp Process	<u>Kraft</u>	Final Count	<u>276</u>
		% by Weight	<u>58.9%</u>

Species:

Principal - Eucalyptus

Overall Comments: A trace of Softwood Unbleached Kraft pulp was detected.

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Method(s) and Notes:

TAPPI T 401 om-15 Fiber Analysis of Paper and Paperboard.

Analyzed by WJR & PJW

Quality Review by EW

Date(s) of testing June 18, 2019

Note: See the method(s) cited above for available estimates of measurement uncertainty.  
Unless otherwise noted, sampling was performed by customer.

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