

INTERLABORATORY PROGRAMS

PULP AND PAPER

PULP – PAPER – CORRUGATED BOARD

2026 CYCLE

The Pulp, Paper and Packaging Laboratory of the Institute for Technological Research of the State of São Paulo – IPT offers, for laboratories operating in the pulp and paper sector, three annual interlaboratory programs focused on tests for:

- bleached and unbleached short-fiber pulp;
- printing and packaging paper;
- corrugated board.

REASONS FOR PARTICIPATING IN AN INTERLABORATORY PROGRAM

To ensure high-quality products, it is essential that the laboratory results that support the information provided for these products also have proven quality. Laboratory data are the basis for process decisions, conformity assessments and commercial transactions. Interlaboratory Programs, designed to ensure laboratory performance, are tools to guarantee the quality of laboratory data.

Participation in interlaboratory programs is recommended by the standard *ABNT NBR ISO/IEC 17025:2017 – General requirements for the competence of testing and calibration laboratories* – as a way for a laboratory to demonstrate its proficiency or the comparability of its results. It is no longer sufficient for a laboratory to demonstrate internal quality control through adequate facilities, calibrated equipment, trained personnel, standardized or validated analytical procedures, and traceability of data and standards. External verification of result quality must be demonstrated, which can be achieved through Interlaboratory Programs.

BENEFITS OF PARTICIPATION

- Improvement of the metrological reliability of laboratory data.
- Comparison with other laboratories.
- Identification of the nature of deviations committed by the laboratory.
- Monitoring of methodologies and equipment calibration/verification.
- Identification of training needs.
- Improvement of services provided.

MODEL OF THE INTERLABORATORY PROGRAMS

The Interlaboratory Programs consist of a series of measurements independently carried out by the participants on samples prepared and sent by IPT. Each Program is annual and includes three rounds, which take place in March, June and September, respectively.

The participant selects, from a list of available tests, those in which they wish to participate. For each selected test, the participant receives two samples per round, performs the tests and sends the results to IPT. At the end of each round, IPT issues a personalized report in which the participant can visualize their performance and receive guidance when applicable.

CONFIDENTIALITY

Absolute confidentiality is guaranteed to the participant. The participant is identified by a code known only to them and IPT. Only these codes are used in the reports.

If regulatory authorities or accreditation bodies request the results of a specific laboratory, the participant must authorize IPT to provide this information.

For more details about the Programs and their Protocols, visit:

<https://ipt.br/papel-e-celulose>

HOW TO REGISTER FOR THE PROGRAMS

- Select the tests of interest:
 - Pulp – Annex I
 - Paper – Annex III
 - Corrugated board – Annex III
 - Complete the REGISTRATION FORM – Annex IV
- Send the selected tests (Annexes I, II and III) and the REGISTRATION FORM (Annex IV) to: interlab@ipt.br and andreatm@ipt.br

PAYMENT TERMS

FUNDAÇÃO DE APOIO AO IPT - FIPT

Corporate Name: FUNDAÇÃO DE APOIO AO INSTITUTO DE PESQUISAS TECNOLÓGICAS (FIPT)

CNPJ: 05.505.390/0001-75

FIPT applies a 28-day payment term.

- For participation in only one test, the fee will be the test value plus an additional charge of USD 60.00, payable in a single installment.
- If your company issues a Purchase Order, the PDF file must be sent to interlab@ipt.br immediately after registration.
- For this cycle, shipments of samples to countries outside Brazil will include an additional fee of USD 300.00.

- Additional Information:

Patrícia Kaji Yasumura –Program Coordinator

Phone: +55 (11) 3767-4446

E-mail: interlab@ipt.br

Billing FIPT

Lindomar Guedes

Phone: +55 (11) 3769-6918

E-mail: financeiro@fipt.org.br

INTERLABORATORY PROGRAM – PULP 2026 CYCLE

Check the selected tests and fill in the total value.

PULP

Test	Cost for the three rounds (USD)
<input type="checkbox"/> Intrinsic viscosity- mL/g	462,00
<input type="checkbox"/> Kappa number	462,00
<input type="checkbox"/> Water retention value (WRV)	462,00
<input type="checkbox"/> Drainability - <i>Schopper-Riegler</i>	303,00
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Test	Cost for two rounds (1st and 3rd rounds) (USD)
<input type="checkbox"/> PFI refining evaluation (4 points)	718,00
<input type="checkbox"/> Sheet formation process evaluation	478,00
Total amount: USD	

The reports are sent by e-mail. In which language would you like to receive the reports?

- ☐ in Portuguese (no additional cost)
☐ in English (an additional cost of USD 150.00 for the three rounds applies)

INTERLABORATORY PROGRAM – PAPER 2026 CYCLE

Check the selected tests and fill in the total value.

PAPER

Test	Cost for the three rounds (USD)
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PRINTING PAPER – OFFSET

<input type="checkbox"/> Moisture	303,00
<input type="checkbox"/> Grammage	303,00
<input type="checkbox"/> Thickness	303,00
<input type="checkbox"/> Air permeance, <i>Gurley</i>	303,00
<input type="checkbox"/> Roughness, <i>Bendtsen</i>	303,00
<input type="checkbox"/> Surface strength – <i>Dennison wax</i>	303,00
<input type="checkbox"/> ISO brightness	303,00
<input type="checkbox"/> Diffuse opacity	303,00
<input type="checkbox"/> Bursting strength (printing paper)	303,00
<input type="checkbox"/> Tensile strength, elongation and tensile energy absorption – constant rate of elongation (20 mm/min)	303,00
<input type="checkbox"/> Tear resistance, <i>Elmendorf</i>	303,00
<input type="checkbox"/> Ash content at 525°C	303,00

PACKAGING PAPER

<input type="checkbox"/> Bursting strength (packaging paper)	303,00
<input type="checkbox"/> Ring crush resistance	303,00
<input type="checkbox"/> Concora medium test (CMT)	303,00
<input type="checkbox"/> Water absorption capacity, <i>Cobb</i>	303,00
<input type="checkbox"/> Tensile strength, elongation and tensile energy absorption – constant rate of elongation (100 mm/min)	303,00
<input type="checkbox"/> Short-span compression strength	303,00

Total amount: USD

The reports are sent by e-mail. In which language would you like to receive the reports?

- ☐ in Portuguese (no additional cost)
- ☐ in English (an additional cost of USD 150.00 for the three rounds applies)

INTERLABORATORY PROGRAM – CORRUGATED BOARD 2026 CYCLE

Check the selected tests and fill in the total value.

CORRUGATED BOARD

Test	Cost for the three rounds (USD)
<input type="checkbox"/> Gramaje	303,00
<input type="checkbox"/> Espesor	303,00
<input type="checkbox"/> Resistencia al estallido	303,00
<input type="checkbox"/> Resistencia al aplastamiento (Flat Crush)	303,00
<input type="checkbox"/> Resistencia a la compresión de borde (Edge Crush)	303,00
<input type="checkbox"/> Capacidad de absorción de agua, <i>Cobb</i>	303,00

Total amount: USD

The reports are sent by e-mail. In which language would you like to receive the reports?

☐ in Portuguese (no additional cost)

☐ in English (an additional cost of USD 150.00 for the three rounds applies)

The company mentioned below, having received the invitation to participate in the Interlaboratory Programs – 2026 cycle, organized by the Laboratory of Pulp, Paper and Packaging of the Institute for Technological Research of the State of São Paulo S.A. – IPT, hereby requests, through its representative, its registration in the Program(s) to be conducted from 01/02/2026 to 12/31/2026, including the performance of the rounds of the tests selected in the attached lists, and agrees to make the payment under the conditions indicated in this request.

For participation in only one test, the cost of the test plus an additional fee of USD 60.00 will be charged and must be paid in a single installment.

For this cycle, sample shipments to countries outside Brazil will include an additional fee of USD 300.00.

Note: Registration cannot be completed for participants with pending issues from previous cycles. Reports will not be sent to participants with pending registration and/or payment.

PLEASE SEND THIS FORM BY E-MAIL TO COMPLETE YOUR REGISTRATION, TOGETHER WITH THE SELECTION OF TESTS (Annex I, Annex II and Annex III).

1 Company

Billing address

City

Country

Postal Code

VAT Number

2 Total amount

3 Sample Shipping Address

City

Country

Postal Code

4 Technical in Charge

Phone Number

E-mail

5 Person in charge for registration

Phone Number

E-mail

Date :

Signature of person in charge for registration

PROFICIENCY TESTING SCHEMES

PULP AND PAPER

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2026 CYCLE

Institute for Technological Research
of the State of São Paulo - IPT
Av. Prof. Almeida Prado, 532
Butantã - 05508-901
São Paulo – SP - Brasil

www.ipt.br

Pulp, Paper and Packaging Laboratory / Advanced Materials
Phone Number: +55 11 3767 4446 / 4448
Building 62