



**INTERWOOLLABS**

国际羊毛实验室协会

## Accreditation for the exceptional

<b>INTER</b>	<b>WOOLLABS</b>
	AIRFLOW
	ALMETER
2014	LASERSCAN
	OFDA
000	MICROPROJECTION

FOR WOOL TOPS ONLY



# INTERWOOLLABS

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Interwoollabs strives to ensure that all of our members reach the highest standards of testing accuracy, and achieve our prestigious INTERWOOLLABS Accreditation Stamp and Certificate. Transparency and quality assurance are ever more important when competing in a global market place and Interwoollabs helps its members achieve this. Interwoollabs Accreditation is recognised throughout the world as the “best of the best”, with members from over 26 countries our reputation creates huge value for our members.



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We are a not for profit organisation owned and run by our members.

During the 38<sup>th</sup> IWTO Paris Congress in June 1969 the International Association of Wool Textile Laboratories (INTERWOOLLABS) was set up. Its main tasks were:

1. To develop co-operation between member-laboratories with a view to ensuring the most correct and uniform application of the approved testing and sampling methods as set out in the IWTO Specifications and in any associated IWTO Regulations;
2. To ensure that member-laboratories obtain accurate test results having a high level of precision, in their application of those specific IWTO test methods and procedures which are relevant to INTERWOOLLABS' approved annual work programmes; and
3. To assist member-laboratories in resolving disputes arising from differences in test results, by ascertaining the causes of any discrepancies.



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- At the request of IWTO INTERWOOLLABS set up laboratory harmonisation programmes in the following areas:
- Fineness measurement of wool tops using the Airflow apparatus (IWTO-6) in 1969;
- Fineness measurement of wool tops using the Projection Microscope (IWTO-8) in 1970;
- Fibre Length measurement of wool tops using the Almeter (IWTO-17) in 1972;
- Fineness measurement of wool tops using the Laserscan apparatus (IWTO-12) in 1996; and
- Fineness measurement of wool tops using the OFDA100 apparatus (IWTO-47) in 1996.



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- INTERWOOLLABS established the first set of Fineness Calibration Tops covering the range from 17.8 $\mu\text{m}$  to 35.0 $\mu\text{m}$  in 1972 to improve the harmonisation between laboratories using the Airflow apparatus.
- To reflect the continuing trend towards finer wool the latest series of IH Standards includes values from 15.71 $\mu\text{m}$  to 35.37  $\mu\text{m}$ . Up until 2014 INTERWOOLLABS has issued 19 different series of Calibration Tops, each valid from two to three years.
- From 2015 onward, the micron test range will be extended, to 14,5 mic
- The IWTO recognises INTERWOOLLABS as the sole supplier of fineness calibration standards for their Test Methods.



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- Test Reports with the INTERWOOLLABS accreditation stamp included provide the recipient with complete confidence that the result has been achieved by a laboratory that has successfully participated in professional and independent Round Trials with other global laboratories and has achieved excellent consistent results.
- Since 1972 INTERWOOLLABS has provided a report to IWTO's Technical Committee at each annual Congress detailing the expected normal variation between laboratory test results for the harmonisation programmes it performs.



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- Many customs Tariffs are based on micron categories. Accurate testing protects from disputes later on. Disputes are bad for business and can destroy reputations, Interwoollabs key objective is to guarantee that our members enjoy the best reputation globally.
- The accreditation is recognised in our industry as a quality seal.
- Benefit to members is that they can benchmark their laboratory's measurement performance against other laboratories doing the same test twice each year (Round Trials).
- Each member receives a full report for each programme that they participate in. (Example test reports can be seen on our website.)



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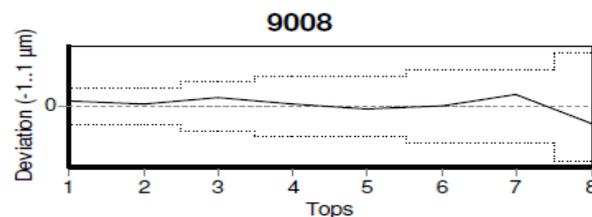
**IH Round Test 2014-1**

OFDA Apparatus

**Laboratory: 9008**

a) Remarks according to the diameter test results

Graph with deviations from the inter-laboratory average for each tested top:



Remarks:

The results are satisfactory.

b) General remarks according to the participation in this Round Test

Satisfactory

Please contact the Secretary in case you need help with the calibration or testing procedure.



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- The report shows how the laboratory's result compares to other laboratories, as well as the global average. Each member's identity is only known to the Secretary of Interwoollabs, hence ensuring the complete anonymity of all participating laboratories.
- Interwoollabs prides itself on providing professional and efficient support to all member labs taking part in our Round Trials.
- We are finding increasing demand from Spinners as well as Top Makers in becoming an Interwoollabs member. The prestige associated with Interwoollabs accreditation within the industry is something that we take great pride in.
- We provide detailed evaluation of performance and calibration, and strive to ensure accurate results are achieved and maintained by providing our continual support and technical expertise to our members.



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- At the beginning of each year members receive 1 full set of 9 x 100g IH Standard Tops for calibration purposes Free of charge.



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<b>1.</b>	<b>Admission Fee (for new Members)</b>	710.00
<b>2.</b>	<b>Annual Subscription for:</b>	
	Air-Flow Programme	} only 618.00 each
	<u>Microprojection</u> Programme	
	<u>Laserscan</u> Programme	
	O.F.D.A. Programme	
	<u>Microprojection</u> combined with another Fineness Programme	No additional charge
	Air-Flow + <u>Laserscan</u> or O.F.D.A.	852.00
	<u>Laserscan</u> + O.F.D.A.	852.00
	Air-Flow + <u>Laserscan</u> + O.F.D.A.	1090.00
	<u>Almeter</u> Programme	618.00
<b>3.</b>	<b>IH Standards for Calibration – Series 20</b>	
	<b>Air-Flow – <u>Laserscan</u> – O.F.D.A. – Proj. Microscope</b>	
	<b>Member Laboratories</b>	
	9 x 100 gr. Surface Mail	82.40
	9 x 100 gr. Airmail	107.10
	Multiples of 9 x 100 gr. per Kg	82.40 + Postages
	<b>Non-Members</b>	
	9 x 50 gr. Surface Mail	373.90
	9 x 50 gr. Airmail	404.80
	9 x 100 gr. Surface Mail	701.40
	9 x 100 gr. Airmail	761.20
<b>4.</b>	<b>IH Standards for Research Purposes – Previous Series</b>	
	<b>Member Laboratories</b>	
	Price per Kg	82.40
	<b>Non-Members</b>	
	Price per Kg	178.20
<b>5.</b>	<b>Delivery by Courier</b>	Actual Costs



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- In recognition of the contribution to estimating the assigned values for Calibration Tops, members can purchase additional sets of Calibration Tops at a substantially discounted price compared to that of non-members. The IWTO recognises INTERWOOLLABS as the only supplier in the world of fineness calibration standards for their Test Methods.
- In addition, members receive free of charge an electronic copy of the IWTO Test Method(s) relevant to the Programme(s) in which they participate. When IWTO updates the Test Methods they provide the Secretary of INTERWOOLLABS with a new copy which the Secretary distributes to the relevant laboratories.



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- At the start of each year Interwoollabs provides our accredited members with our Accreditation Stamp and Certificate. These are issued after the successful participation in the Round Trials to document the high standards of our laboratories.
- Interwoollabs has also developed an EXCEL program for calibrating the Airflow apparatus in accordance with the relevant IWTO Test Method.
- We also provide verification for the Airflow Calibration calculations. This is all provided free of charge to members.
- Members always have the option to seek guidance and assistance from the Management Committee. For problems, assistance will be provided or the matter brought forward to a committee of IWTO to deal with the issue, and a resolution will be found.



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## **One of our many prestigious members in China 'Jiangyin Shenghai Industrial Co. Ltd', part of the Schneider Group comments:**

We are confident that the Interwoollabs membership is for sure a reliable accreditation for the Wool Textile Laboratories, which contribute to maintain the performance and the credibility of our business.

The periodical Round Trials can assure the regular calibration of our instruments and provide a continual support and training to our staff.

## **Jiangsu Sunshine Group Co.,Ltd also comments:**

Interwoollabs membership brings Sunshine confidence in testing the wool tops made by ourselves or purchased from the markets. It helps a lot on quality management of wool material.

Interwoollabs provides an excellence service, such as very friendly communication with patience, timely delivery of the samples and useful technical supports to members.

## **Zhangjiagang Yangtse Wool Combing part of the CHARGEURS WOOL division comments:**

Since joining, Interwoollabs has helped Yangtse Wool Combing to build and maintain a benchmark for our laboratory to guarantee the integrity and reputation of our company when we certify our testing results.

By having the full transparency of Interwoollabs, when the customers of Yangtse Wool Combing receive a testing certificate with the Interwoollabs stamp they are guaranteed the results are true and accurate and therefore easily accepted.



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## INTERWOOLLABS

International Association of Wool Textile Laboratories

This is to certify that

*(INSERT COMPANY NAME)*

is an Accredited Member of Interwoollabs and has been granted Interwoollabs Stamp No.000 for

*2014/*

for use on Test Certificates issued for measurements of Wool Tops carried out according to the following IWTO Test Methods

**IWTO-6** "Method of Test for the Determination of the Mean Diameter of Wool Fibres in Combed Sliver using the AIR-FLOW apparatus"

**IWTO-8** "Method of Determining Fibre Diameter and Percentage of Medullated Fibres in Wool and Other Animal Fibres by the PROJECTION MICROSCOPE"

**IWTO-12** "Measurement of the Mean and Distribution of Fibre Diameter using the SIROLAN-LASERSCAN Fibre Diameter Analyser"

**IWTO-17** "Determination of the parameter of wool fibre length distribution with the ALMETER apparatus"

**IWTO-47** "Measurement of the Mean and distribution of fibre Diameter using an OPTICAL FIBRE DIAMETER ANALYSER"

### INTERWOOLLABS

International Association of Wool Textile Laboratories  
Association Internationale de Laboratoires Textiles Laines  
Internationale Gesellschaft der Wolltextillaboratorien  
Wool House, Seafords Close, Canal Road  
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*J Marler*

J Marler – President

*J M Lambert*

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**Contact our Secretariat John Lambert at:**  
**[info@interwoollabs.org](mailto:info@interwoollabs.org)**



**or Mr Chen Min a member of our  
management committee at:**  
**[bryansunshine@gmail.com](mailto:bryansunshine@gmail.com)**



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**Thank You!**