

**TEXAS AGRILIFE WOOL AND MOHAIR RESEARCH LABORATORY**  
**7887 U.S. HIGHWAY 87 N., SAN ANGELO, TX 76901-9714**  
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**Fees for Wool, Mohair, Alpaca and Cashmere  
Guidance Reports and Scouring Service  
(Effective 9/01/2009)**

- 1. Wool/Mohair/Alpaca/Cashmere Content of Raw Wool/Mohair/Alpaca/Cashmere-Laboratory Scale (ASTM D584)**  
Report: % of wool base present, lab. scoured yield, vegetable matter present and clean wool fiber present.  
**\$60.00/sample** (requires 1 lb raw fiber)
- 2. Wool/Mohair/Alpaca/Cashmere Content of Raw Wool/Mohair/Alpaca/Cashmere (ASTM D584)**  
Report: Lab. scoured yield (The combined weight of clean fiber present and vegetable matter present, as a % of raw wool/mohair/ cashmere wt.).  
**\$15.00/sample**
- 3. Staple Length of Grease Wool and Mohair (ASTM D1234)**  
Report: Average staple length, standard deviation and coefficient of variation of staple length.  
**\$10.00/sample** (20 subsamples measured)
- 4. Diameter of Wool/Mohair/Alpaca/Cashmere Fibers by Microprojection (ASTM D2130)**  
Report: Average fiber diameter in microns; fiber diameter distribution (where applicable); the standard deviation and coefficient of variation of fiber diameter.  
**\$10.00 per 200 fibers** (includes scouring, drying, and conditioning of sample).
- 5. Diameter of Wool/Mohair/Alpaca/Cashmere by OFDA 100 (IWTO 47)**  
Report: Average fiber diameter in microns; fiber diameter distribution, standard deviation and coefficient of variation.  
**\$10.00 per 5,000 fibers**
- 6. Diameter of Wool/Mohair by OFDA2000 (subsidized by American Sheep Industry Association).**  
Report: Average fiber diameter in microns; fiber diameter distribution, standard deviation and coefficient of variation, and along-fiber diameter profile.  
**\$2.00/sample**
- 7. Med and Kemp Fibers in Wool and Mohair by Microprojection (ASTM D2968)**  
Report: % of med and kemp fibers  
**\$10.00/sample** (1000 fibers inspected)

8. **Med and Kemp Fibers in Wool and Mohair by Optical Fibre Diameter Analyser (IWTO 57)**  
Report: % of med and kemp fibers.  
**\$5.00/sample** (> 5,000 fibers inspected in conjunction with a fiber diameter report.)
9. **Vegetable Matter Present in Scoured Wool/Mohair/Cashmere (ASTM D1113)**  
Report: % of vegetable matter base.  
**\$10.00/sample**
10. **Determination of Down Yield of Raw Cashmere Using a Modified Shirley Analyser**  
Report: Cashmere yield as a % of the original raw cashmere.  
**\$30.00/sample** (requires 50 g of raw fiber)
11. **Estimation of Cashmere Down Yield from OFDA histogram.**  
Report: 0 - 300  $\mu\text{m}$  histogram, 0 - 30  $\mu\text{m}$  histogram, cashmere yield as a % of the scoured sample. Fiber diameter of down and estimated style score.  
**\$20.00/sample**
12. **Resistance to Compression of Wool/Mohair/Cashmere.**  
Report: Resistance to compression in Kpa.  
**\$10.00/sample** (in conjunction with a lab scoured yield test.)
13. **Staple Strength of Wool/Mohair/Cashmere.**  
Report: Staple strength in N/ktex and position of break (20 subsamples measured).  
**\$10.00/sample**
14. **Scouring Service:**  
**White animal fibers only will be scoured at a price of \$1.50/lb of raw material or a minimum price of \$225/lot will be charged. This latter fee will be waived when a coordinated scouring of small lots is conducted twice a year (usually the first week of June and the first week of December).**

PLEASE DO NOT PRE-PAY.  
We will invoice for the correct amount  
after analyses are complete.