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A comparative analysis of the llama and alpaca wool

S u m m a r y

The aim of this study was a comparison of llama and alpaca wool. It was found that alpaca's wool possess an uniform structure. In wool of llama two fibre fractions has been found - medullated and down. The average fibre diameter of medullated and down fractions in llama's wool was 72,5 μm and 21,71 μm , respectively. The average thickness of fibres in the staple of alpaca wool was 28,75 μm and good equalization of this trait was observed. The presence of medullated fibres was recognized in both species to be independent of wool thickness. In alpaca's wool the hetero-medullated fibres (with intermittent medulla) were predominating.