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## Sterile Braided Silk Suture in Distributor



### [General Notices](#)

(*Silk Suture, Sterile, Braided, in Distributor for Veterinary Use, Ph. Eur. monograph 0606*)

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### DEFINITION

Sterile braided silk suture in distributor for veterinary use is obtained by braiding a variable number of threads, according to the diameter required, of degummed silk obtained from the cocoons of the silkworm *Bombyx mori* L. It may be coloured with colouring matter authorised by the competent authority. The suture is then sterilised.

### IDENTIFICATION

- A. Dissect the end of a strand, using a needle or fine tweezers, to isolate a few individual fibres. The fibres are sometimes marked with very fine longitudinal striations parallel to the axis of the strand. Examined under a microscope, a cross-section is more or less triangular or semi-circular, with rounded edges and without a lumen.
- B. Infrared absorption spectrophotometry ([2.2.24](#)). Examine by attenuated total reflection (ATR).

*Absorption maxima and intensities*  $3280 \pm 5 \text{ cm}^{-1}$  (strong);  $2923 \pm 15 \text{ cm}^{-1}$  (medium);  $1622 \pm 15 \text{ cm}^{-1}$  (strong);  $1512 \pm 5 \text{ cm}^{-1}$  (strong);  $1444 \pm 7 \text{ cm}^{-1}$  (medium);  $1226 \pm 10 \text{ cm}^{-1}$  (medium).

Additives and coatings of materials might lead to additional peaks.

### TESTS

It complies with the tests prescribed in the monograph [Strands, sterile non-absorbable, in distributor for veterinary use \(0605\)](#).

### STORAGE

See the monograph [Strands, sterile non-absorbable, in distributor for veterinary use \(0605\)](#).

### LABELLING

See the monograph [Strands, sterile non-absorbable, in distributor for veterinary use \(0605\)](#).

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