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TECHNICAL DATA SHEET 719

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Prionex®

Prionex® is a polypeptide fraction of highly purified dermal collagen of porcine origin which has excellent protein stabilizing properties. Prionex® is prepared by partial hydrolysis under mild conditions. It is free from cartilage, bone and plasma components and can therefore be considered as an extremely pure form of gelatin type A.

Due to the chemical nature and the standardized quality, Prionex® can be used as an inert protein stabilizer in any kind Application:

of application, furthermore as an additive for cell culture media.

Advantages: Non-toxic and non-antigenic

Filterable through a 0.2µm membrane

Heat-stable

· Free from nucleic acids, polysaccharides and lipids

 Free from any additives · Free from endotoxins

· No risk of BSE, MCD and HIV infective agents

Mw: Approximately 20,000 estimated by gel permeation chromatography

Activity: Prionex® solution 10% is a clear yellow, sterile solution, pH 6.0-7.5

Solubility: Prionex® is freely soluble in water, diluted electrolyte solutions, glycerol and DMSO as well as ethanol at concentrations

below 75% and ammonium sulphate solutions below 20% saturation.

Storage: 15-25°C

References: Gaffney PJ, Edgell TA, Dawson PA, Ford AW, Stocker K. A pig collagen peptide fraction. A unique material for

maintaining biological activity during lyophilization and during storage in the liquid state.

J Pharm Pharmacol 1996; 48, 896-8.

To Order: **Ordering Information:**

In The U.S. Call: 1-800-523-2575 • 215-343-6484 In The U.S. FAX: 1-800-343-3291 • 215-343-0214 Cat.# Description Size

24621 Prionex® 100ml In Germany Call: (49) 6221-765767 In Germany FAX: (49) 6221-764620

Should any of our materials fail to perform to our specifications, we will be pleased to provide replacements or return the purchase price. We solicit your inquiries concerning all needs for life sciences work. The information given in this bulletin is to the best of our knowledge accurate, but no warranty is expressed or implied. It is the user's responsibility to determine the suitability for their own use of the products described herein, and since conditions of use are beyond our control, we disclaim all liability with respect to the use of any material supplied by us. Nothing contained herein shall be construed as a recommendation to use any product or to practice any process in violation of any law or any government regulation.

