



Chem-Impex International, Inc.

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Manufacturing Facility:
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Certificate of Origin & BSE/TSE

Date: 3/22/2024 9:49:1

Identification

Item name: Heparin sodium salt from porcine intestinal mucosa
Catalog #: 29984 Country of origin of starting materials: China
Lot #: 003158-01200501 Country of manufacture: China

Starting Materials

Chemical		Organic		Inorganic	
	Enzymatic Synthesis	☐		☐	
	Fermentation	☐		☐	
	Organic Synthesis	☐		☐	
Biological		Human/Animal	Plant	Microbe	
	Natural	☒	☐	☐	
	GMO	☐	☐	☐	

Human, animal, plant, or microbe material was used or came in contact with the starting materials or the equipment, reagents, or media used for its processing, purification, and/or storage. ☒ Yes ☐ No

Specify starting materials (for chemical origin) or organism (and relevant health information, if applicable):

Porcine intestinal mucosa

Manufacturing Process

☐ Organic Synthesis ☐ Enzymatic Synthesis ☒ Other, Specify: Animal extract

Human or animal material was used or came in contact with the product or equipment, reagents, or media used for its processing, purification, and storage. ☒ Yes ☐ No If yes, specify: The origin is Porcine intestinal mu

The organism listed above (if applicable) is a genetically modified organism (GMO) or an enzyme derived from a GMO.

☐ Yes ☐ No If yes, specify:

☐ No declaration of origin possible. Specify:

General Declaration:

To the present state of our knowledge we declare the above CII product does not contain any BSE / TSE AGENT. This declaration is given in good faith and no warranty express or implied with respect to quality and properties is made.

Arumugham Balakumar, PhD
Quality Control Department