



Chem-Impex International, Inc.

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Manufacturing Facility:
825 Dillon Drive
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Certificate of Origin & BSE/TSE

Date: 7/19/2021 7:56:1

Identification

Item name: 1,2,3,4,6-Penta-O-acetyl-D-mannopyranose
Catalog #: 32336 Country of origin of starting materials: N/A
Lot #: 001902-405-1 Country of manufacture: Switzerland

Starting Materials

Chemical		Organic		Inorganic	
	Enzymatic Synthesis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fermentation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Organic Synthesis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Biological		Human/Animal	Plant	Microbe	
	Natural	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	GMO	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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):

Manufacturing Process

Organic Synthesis Enzymatic Synthesis Other, Specify:

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 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