



Chem-Impex International, Inc.

Tel: (630) 766-2112 Fax: (630) 766-2218
sales@chemimpex.com www.chemimpex.com

Headquarters:
935 Dillon Drive
Wood Dale, IL 60191 USA

Manufacturing Facility:
825 Dillon Drive
Wood Dale, IL 60191 USA

Certificate of Origin & BSE/TSE

Date: 11/8/2022 6:03:2

Identification

Item name: 1,2,3-Tri-O-acetyl-5-deoxy-b-D-ribofuranose
Catalog #: 31179 Country of origin of starting materials: China
Lot #: 003379-20221002 Country of manufacture: China

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 checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Biological | | Human/Animal | Plant | Microbe | |
| | Natural | <input type="checkbox"/> | <input 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