



Chem-Impex International, Inc.

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

Date: 1/11/2022 12:45

Identification

Item name: 5'-O-(4,4'-Dimethoxytrityl)-N4-benzoyl-2'-deoxycytidine
Catalog #: 00133 Country of origin of starting materials: China
Lot #: 001237-2314-1 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):

2'-Deoxycytidine

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