



Chem-Impex International, Inc.

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

Certificate of Origin & BSE/TSE

Date: 5/24/2021 1:59:5

Identification

Item name: L-3,4-Difluorophenylalanine
Catalog #: 04117 Country of origin of starting materials: China
Lot #: 000424-210419-21193 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):

Origin of amino acid(s) : Diethyl Acetamidomalonate

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