



# Chem-Impex International, Inc.

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

Date: 4/7/2020 3:02:38

### Identification

Item name: L-Tyrosine allyl ester 4-toluenesulfonate salt  
Catalog #: 04456 Country of origin of starting materials: Germany  
Lot #: 001902-450-1 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):

H-Tyr-OH

### 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