

Chem-Impex International, Inc.

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Headquarters: 935 Dillon Drive Wood Dale, IL 60191 USA Manufacturing Facility: 825 Dillon Drive Wood Dale, IL 60191 USA

| Item name: L-Arginine 4-nitroanilide dihydrobromide Catalog #: 16122 | Identification | on | | | | |
|--|-----------------|------------------------------|-----------------|-------------------------|------------------------------|--|
| Catalog #: 16122 | _ | | Irobromide | | | |
| Starting Materials Country of manufacture: Latvia | _ | | | of starting materials: | China | |
| Starting Materials Chemical Enzymatic Synthesis | | | | | | |
| Chemical Enzymatic Synthesis | | | Country of man | naciule. [Latvia | | |
| Chemical Enzymatic Synthesis | Starting Ma | aterials | | | | |
| Fermentation Organic Synthesis 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): L-Arg 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: | | | Organic | | Inorganic | |
| Organic Synthesis | Chemical | Enzymatic Synthesis | | | | |
| Human/Animal Plant Microbe Natural □ □ □ □ 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): L-Arg 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: | | Fermentation | X | | | |
| 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): L-Arg 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 | | Organic Synthesis | | | | |
| 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. | | | Human/Animal | Plant — | Microbe | |
| 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. | Biological | | | | | |
| reagents, or media used for its processing, purification, and/or storage. | | GMO | | | | |
| ☐ Organic Synthesis ☐ Enzymatic Synthesis ☐ Other, <i>Specify:</i> ☐ 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: ☐ Yes ☐ No If yes, specify: ☐ Yes ☐ Yes ☐ No If yes, specify: ☐ Yes | Specify startin | , | | - | _ | |
| 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: | Manufactur | ring Process | | | | |
| 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: | ✓ Organ | nic Synthesis | matic Synthesis | Other, Specify: | | |
| 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: | | | • | | ents or media used for its | |
| The organism listed above (if applicable) is a genetically modified organism (GMO) or an enzyme derived from a GMO Yes No If yes, specify: | | | | | gorne, or modice dood for no | |
| ☐ Yes ☐ No If yes, specify: | | _ | _ | , , , _ | | |
| | = | | | ganism (GiviO) or an er | nzyme derived from a GiviO. | |
| □ No declaration of origin possible. Specific | ☐ Yes | ☐ No If yes, sp | ecify: | | | |
| No dealeration of origin possible. Specific | | | | | | |
| L LINO DECIAIADOD OFODOID DOSSIDIE SDECIVI | □ No de | claration 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