

## Chem-Impex International, Inc.

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| Certificate of Origin & BSE/TSE                             |                                                                                                   |                              |                                                |                       | /2024 12:49: |  |
|-------------------------------------------------------------|---------------------------------------------------------------------------------------------------|------------------------------|------------------------------------------------|-----------------------|--------------|--|
| Identification                                              | on                                                                                                |                              |                                                |                       |              |  |
| Item name: 2                                                | 2'-Deoxyguanosine monohydra                                                                       | ate                          |                                                |                       |              |  |
| Catalog #: 00102                                            |                                                                                                   | Country of origin            | Country of origin of starting materials: Japan |                       |              |  |
| Lot #: 20102DG                                              |                                                                                                   |                              | Country of manufacture: Japan                  |                       |              |  |
| Starting Ma                                                 |                                                                                                   |                              |                                                |                       |              |  |
|                                                             |                                                                                                   | Organic                      |                                                | Inorganic             |              |  |
| Chemical                                                    | Enzymatic Synthesis                                                                               | X                            |                                                |                       |              |  |
|                                                             | Fermentation                                                                                      |                              |                                                |                       |              |  |
|                                                             | Organic Synthesis                                                                                 |                              |                                                |                       |              |  |
| Biological                                                  |                                                                                                   | Human/Animal                 | Plant                                          | Micro                 | be           |  |
|                                                             | Natural                                                                                           |                              |                                                |                       |              |  |
|                                                             | GMO                                                                                               |                              |                                                |                       |              |  |
| reagents, or m                                              | al, plant, or microbe material<br>nedia used for its processing<br>ng materials (for chemical ori | , purification, and/or stora | ge.                                            | ] Yes                 | ment,  No    |  |
| Manufactu                                                   | ring Process                                                                                      |                              |                                                |                       |              |  |
| ✓ Organic Synthesis ☐ Enzymatic Synthesis ☐ Other, Specify: |                                                                                                   |                              |                                                |                       |              |  |
| Human or anii                                               | mal material was used or ca                                                                       | me in contact with the prod  | duct or equipment, re                          | eagents, or media use | d for its    |  |
|                                                             | urification, and storage.                                                                         | ☐ Yes 🗷 No                   |                                                |                       |              |  |
|                                                             | _                                                                                                 |                              |                                                |                       |              |  |
| =                                                           | listed above (if applicable) is                                                                   |                              | ganishi (GiviO) di an                          | enzyme denved nom     | a GIVIO.     |  |
| Yes                                                         | No If yes, spe                                                                                    | ecity:                       |                                                |                       |              |  |
|                                                             |                                                                                                   |                              |                                                |                       |              |  |
| ☐ No de                                                     | eclaration 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