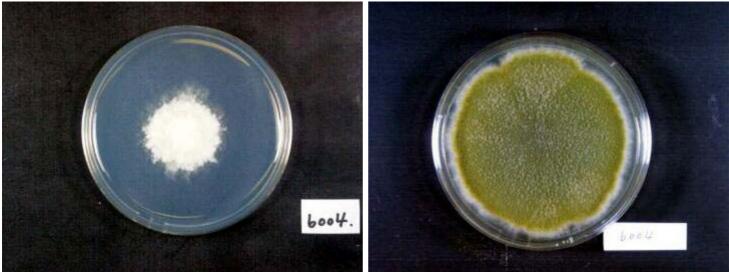
## **RIB6004**

Aspergillus sojae



Colony on CD plate

Colony on koji extract plate

## Mycological characters

| Color of old slant<br>culture        | Diameter (mm) of<br>colony at 34 C   | Reverse side of Colony      |                                     | Sclerotia                  |
|--------------------------------------|--|-----------------------------|-------------------------------------|----------------------------|
|                                      |  | Wrinkling                   | Color                               | Scierotia                  |
|                                      |  |                             |                                     |                            |
| Roughness of stalk                   | Length of stalk (mm)   | Diameter of<br>vesicles (µ) | Roughness of conidia                | Diameter of<br>conidia (µ) |
|                                      |  |                             |                                     |                            |
| Ratio of biseriate<br>sterigmata (%) | Production   |                             |                                     |                            |
|                                      | Kojic acid   | Pigments                    | Aflatoxins                          | Amylase                    |
|                                      |  |                             |                                     |                            |
| Coloration of<br>hydroquinone        | Reduction of<br>methylene blue   | Browning of rice<br>koji    | Pink color of conida in meidum with |                            |
|                                      |  |                             | Anisic acid                         | Anisaldehyde               |
|                                      |  |                             |                                     |                            |
| Note                                 | NISL1909 from Noda Institute for Scientific Research, IFO33085, CBS100929<br>ITS type B, AFHC type A. sojae (Tominaga et. al, AEM, 72, 484 (2006), Kiyota et.<br>al, JBB, 111, 512 (2011)) |                             |                                     |                            |