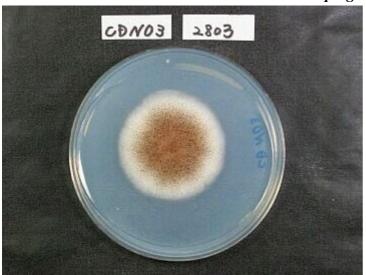
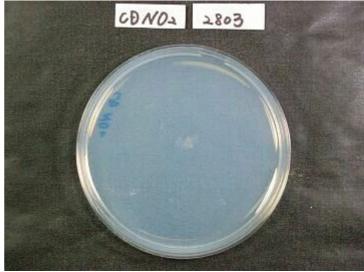
## **RIB2803**

Aspergillus niger



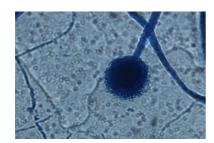


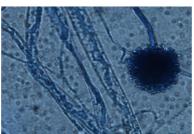
**Colony on CD plate** 

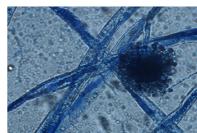
Colony on CD(NO2) plate

## **Mycological characters**

| Color of old slant culture           | Diameter (mm) of colony at 34 C   | Reverse side of Colony   |                                     | Sclerotia               |
|--------------------------------------|---|--------------------------|-------------------------------------|-------------------------|
|                                      |   | Wrinkling                | Color                               | Scierotia               |
|                                      |   |                          |                                     |                         |
| Roughness of stalk                   | Length of stalk (mm)  | Diameter of vesicles (μ) | Roughness of conidia                | Diameter of conidia (μ) |
|                                      |   |                          |                                     |                         |
| Ratio of biseriate<br>sterigmata (%) | Production  |                          |                                     |                         |
|                                      | Kojic acid  | Pigments                 | Aflatoxins                          | Amylase                 |
|                                      |   |                          |                                     |                         |
| Coloration of hydroquinone           | Reduction of methylene blue   | Browning of rice<br>koji | Pink color of conida in meidum with |                         |
|                                      |   |                          | Anisic acid                         | Anisaldehyde            |
|                                      |   |                          |                                     |                         |
| Note                                 | A. awamori Nakazawa, Preserved over 50 years, isolated by Torazo Nishimura A. niger (Yamada et. al, JBB, 112, 233 (2011)) |                          |                                     |                         |







Photographs of conidiophore