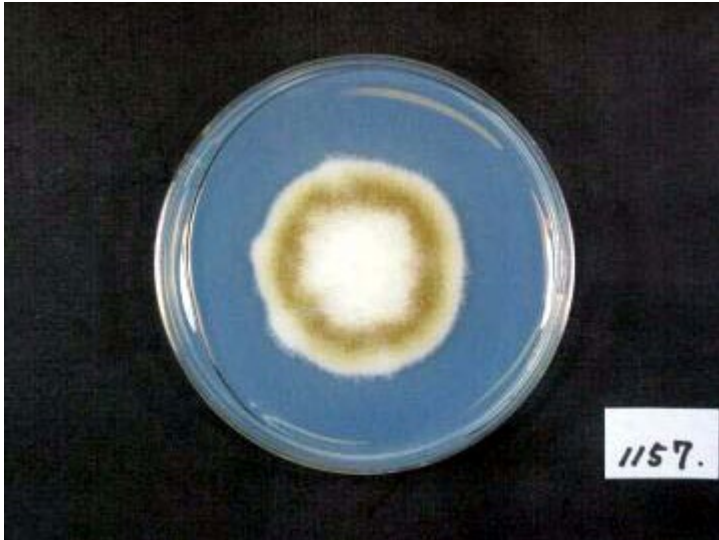


# RIB1157

*A.oryzae* var. *brunneus* Murakami



Colony on CD plate



Colony on koji extract plate

## Mycological characters

| Color of old slant culture        | Diameter (mm) of colony at 34 C  | Reverse side of Colony   |                                      | Sclerotia               |
|-----------------------------------|--|--------------------------|--------------------------------------|-------------------------|
|                                   |  | Wrinkling                | Color                                |                         |
| 1                                 | 4  | 3                        | 1                                    | 1                       |
| Roughness of stalk                | Length of stalk (mm)   | Diameter of vesicles (μ) | Roughness of conidia                 | Diameter of conidia (μ) |
| 6                                 | 4  | 2                        | 3                                    | 2                       |
| Ratio of biseriata sterigmata (%) | Production   |                          |                                      |                         |
|                                   | Kojic acid   | Pigments                 | Aflatoxins                           | Amylase                 |
| 1                                 | 3  | 3                        | 1                                    | 3                       |
| Coloration of hydroquinone        | Reduction of methylene blue  | Browning of rice koji    | Pink color of conidia in meidum with |                         |
|                                   |  |                          | Anisic acid                          | Anisaldehyde            |
| 6                                 | 3  | 3                        | 3                                    | 1                       |
| Note                              | IAM 2626 <i>A. oryzae</i> S. et Y (1969)-ACTU, Sakaguchi SH-2-6<br>ITS type A1a, AFHC type <i>A. oryzae</i> group2 (Tominaga et. al, AEM, 72, 484 (2006), Kiyota et. al, JBB, 111, 512 (2011)) |                          |                                      |                         |