

# RIB1172

*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	5	4	2	1
Roughness of stalk	Length of stalk (mm)	Diameter of vesicles (μ)	Roughness of conidia	Diameter of conidia (μ)
6	6	4	3	3
Ratio of biseriata sterigmata (%)	Production			
	Kojic acid	Pigments	Aflatoxins	Amylase
1	4	3	1	5
Coloration of hydroquinone	Reduction of methylene blue	Browning of rice koji	Pink color of conidia in meidium with	
			Anisic acid	Anisaldehyde
5	2	4	3	3
Note	IAM 2648 <i>A. oryzae</i> S. et Y. (1969)-ACTU, Sakaguchi S-3-8 ITS type A1a, AFHC type <i>A. oryzae</i> group1 (Tominaga et. al, AEM, 72, 484 (2006), Kiyota et. al, JBB, 111, 512 (2011))			