

RIB404

A.oryzae var. *brunneus* Murakami



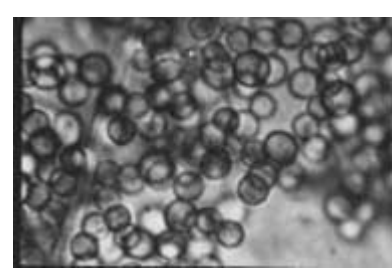
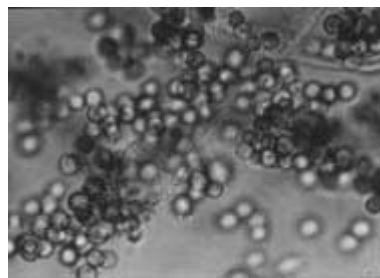
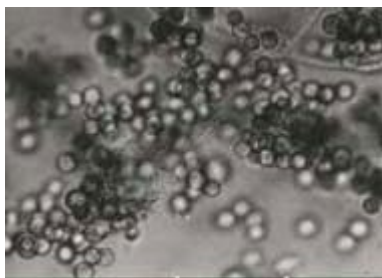
Colony on CD plate



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	1	1	1
Roughness of stalk	Length of stalk (mm)	Diameter of vesicles (μ)	Roughness of conidia	Diameter of conidia (μ)
4	5	3	3	4
Ratio of biseriata sterigmata (%)	Production			
	Kojic acid	Pigments	Aflatoxins	Amylase
1	1	5	1	2
Coloration of hydroquinone	Reduction of methylene blue	Browning of rice koji	Pink color of conidia in meidum with	
			Anisic acid	Anisaldehyde
4	2	3	3	3
Note	preserved over 50 years, shoyu koji ITS type A2a, AFHC type A. oryzae group2 (Tominaga et. al, AEM, 72, 484 (2006), Kiyota et. al, JBB, 111, 512 (2011))			



Photographs of conidiophore