



ORYZA OIL & FAT CHEMICAL CO.,LTD.

1 Aza Numata Kitagata Kitagata-cho Ichinomiya-city, Aichi-prefecture 493-8001 JAPAN

Phone:+81-586-86-5141 Facsimile:+81-586-86-6191

URL/http://www.oryza.co.jp/ E-mail:info@oryza.co.jp

PRODUCT STANDARD

PRODUCT NAME : **BROCCOLI SPROUT POWDER** (FOOD)

This product is the powder of germinated broccoli (*Brassica oleracea* var. *italica*). It contains minimum 1.2 % of sulforaphane and 3.0 % of glucoraphanin.

<u>Appearance</u>	Slight yellowish powder with slight unique aroma.	
<u>Glucoraphanin</u>	Min. 3.0 %	(Sulforaphan amount(GC Method) × 2.46*)
<u>Sulforaphane</u>	Min. 1.2 %	(GC Method)
<u>Loss on Drying</u>	Max. 5.0 %	(Analysis for Hygienic Chemists, 1g, 105 °C、2 hr)
<u>Purity Test</u>		
<u>(1) Heavy Metals (as Pb)</u>	Max. 10 ppm	(Sodium Sulfide Colorimetric Method)
<u>(2) Arsenic (as As₂O₃)</u>	Max. 1 ppm	(Standard Methods of Analysis in Food Safety Regulation, The Third Method, Apparatus B)
<u>Standard Plate Counts</u>	Max. 1 × 10 ³ cfu/g	(Analysis for Hygienic Chemists)
<u>Moulds and Yeasts</u>	Max. 1 × 10 ² cfu/g	(Analysis for Hygienic Chemists)
<u>Coliforms</u>	Negative	(Analysis for Hygienic Chemists)

<u>Composition</u>	<u>Ingredient</u>	<u>Content</u>
	Broccoli sprout	100 %

Expiry date 2 years from date of manufacturing.

Storage Store it at room temperature, dry, ventilated area.
Keep it away from high temperature and sun light, and store it in a closed container.

2.46*: 436(Molecular Weight of Glucoraphanin) ÷ 177(Molecular Weight of Sulforaphan)

Established Date	Jan. 9, 2002
Revised Date	July 14, 2016
Specification No.	N-614T0