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PRODUCT STANDARD

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

This product is the powder of broccoli (*Brassica oleracea* var. *italica*). It contains minimum 200 ppm of sulforaphane and 500ppm of glucoraphanin.

<u>Appearance</u>	Greenish brown to green powder with slight unique aroma.				
<u>Glucoraphanin</u>	Min. 500 ppm (Sulforaphan amount(GC Method) \times 2.46*)				
<u>Sulforaphane</u>	Min. 200 ppm (GC Method)				
<u>Loss on Drying</u>	Max. 10.0 % (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 \times 10 ³ cfu/g (Analysis for Hygienic Chemists)				
<u>Moulds and Yeasts</u>	Max. 1 \times 10 ² cfu/g (Analysis for Hygienic Chemists)				
<u>Coliforms</u>	Negative (Analysis for Hygienic Chemists)				
<u>Composition</u>					
	<table><thead><tr><th><u>Ingredient</u></th><th><u>Content</u></th></tr></thead><tbody><tr><td>Broccoli</td><td>100 %</td></tr></tbody></table>	<u>Ingredient</u>	<u>Content</u>	Broccoli	100 %
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Broccoli	100 %				
<u>Expiry date</u>	2 years from date of manufacturing.				
<u>Storage</u>	Store it at room temperature, dry, ventilated area. Keep it away from high temperature and sunlight, and store it in a closed container.				

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

Established Date	November 1, 2001
Revised Date	October 5, 2023
Specification No.	Z-308EN