



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 : **LINGONBERRY EXTRACT-P0.5** (FOOD)

This product is water-soluble powder extracted with water and purified from Lingonberry (*Vaccinium vitis-idaea*) fruits. It guarantees minimum of 0.50 % arbutin.

Appearance Pink powder with slightly unique smell
Arbutin Min. 0.50 % (HPLC)
Loss on Drying Max. 10.0 % (Analysis for Hygienic Chemists,
1g, 105°C, 2 hr)

Purity Test
(1)Heavy Metals (as Pb) Max. 20 ppm (Sodium Sulfide Colorimetric Method)
(2)Arsenic (as As₂O₃) Max. 1 ppm (Standard Methods of Analysis in Food
Safety Regulation, The Third Method,
Apparatus B)

Standard Plate Counts Max. 3×10³ cfu/g (Analysis for Hygienic Chemists)
Moulds and Yeasts Max. 1×10³ cfu/g (Analysis for Hygienic Chemists)
Coliforms Negative (Analysis for Hygienic Chemists)

Composition

<u>Ingredient</u>	<u>Content</u> (Values are just a guide)
Maltodextrin	50 %
<u>Lingonberry Extract</u>	<u>50 %</u>
Total	100 %

Expiry date 2 years from date of manufacturing.

Storage Store it in a cool, dry, ventilated area with desiccant.
Keep it away from high temperature and sunlight, and store
it in a closed container.

Established Date	May 11, 2009
Revised Date	August 26, 2020
Specification No.	Q-026EN