



## 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 EXACT-PC0.5**(COSMETIC)

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

<b><u>Appearance</u></b>	Pink powder with slightly characteristic odor.	
<b><u>Arbutin</u></b>	Min. 0.50 %	(HPLC)
<b><u>Loss on Drying</u></b>	Max. 10.0 %	(1g, 105°C, 2 hr)
<b><u>Purity Test</u></b>		
<b><u>(1)Heavy Metals (as Pb)</u></b>	Max. 20 ppm	(The Second Method of The Japanese Standards of Quasi-Drug Ingredients)
<b><u>(2)Arsenic (as As<sub>2</sub>O<sub>3</sub>)</u></b>	Max. 1 ppm	(The Third Method of The Japanese Standards of Quasi-Drug Ingredients)
<b><u>Standard Plate Counts</u></b>	Max. 1×10 <sup>2</sup> cfu/g	(Analysis for Hygienic Chemists)
<b><u>Moulds and Yeasts</u></b>	Max. 1×10 <sup>2</sup> cfu/g	(Analysis for Hygienic Chemists)
<b><u>Coliforms</u></b>	Negative	(Analysis for Hygienic Chemists)

<b><u>Composition</u></b>	<u>Ingredient</u>	<u>Content</u>
	Vaccinium Vitis-idaea Fruit Extract	50 %
	<u>Dextrin</u>	50 %
	Total	100 %

<b><u>Expiry date</u></b>	2 years from date of manufacturing.
<b><u>Storage</u></b>	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	January 16, 2019
Specification No.	U-916EN