



## ORYZA OIL & FAT CHEMICAL CO.,LTD.

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### PRODUCT STANDARD

PRODUCT NAME : **LUTEIN-LC8** (COSMETIC)

This product is extracted from flowers of marigold, *Tagetes erecta* L. (*Compositae*), refined, and then emulsified. It contains lutein esters of minimum 8.0 %.

<b><u>Appearance</u></b>	Orange yellow viscous liquid with slight characteristic odor.
<b><u>Lutein (free)</u></b>	Min. 4.0 % (HPLC)
<b><u>Lutein Esters</u></b>	Min. 8.0 % [Content of Lutein (Free)×2]
<b><u>Purity Test</u></b>	
<b>(1)Heavy Metals (as Pb)</b>	Max. 10 ppm (The Second Method of The Japanese Standards of Quasi-Drug Ingredients)
<b>(2)Arsenic (as As<sub>2</sub>O<sub>3</sub>)</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>	<b><u>Ingredient</u></b>	<b><u>Content</u></b> (Values are just a guide)
	Hydrogenated Starch Hydrolysate	40.0 %
	Water	28.0 %
	Caprylic/Capric Triglyceride	12.4 %
	Tagetes Erecta Flower Extract	10.0 %
	Glyceryl Myristate	8.0 %
	Lysolecithin	1.6 %
	<u>Tocopherol</u>	below 0.1 %
	Total	100.0 %

<b><u>Expiry date</u></b>	1 years from date of manufacturing.
<b><u>Storage</u></b>	Store it in a cool, dry, ventilated area. Keep it away from high temperature and sunlight, and store it in a closed container.

Established Date	August 7, 2006
Revised Date	October 27, 2023
Specification No.	Z-327EN