



ORYZA OIL & FAT CHEMICAL CO.,LTD.

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PRODUCT STANDARD

PRODUCT NAME : **SafleepTM-P** (FOOD)
(SAFFRON EXTRACT)

This product is a powder extracted from the stigmas of saffron (*Crocus sativus*) with aqueous ethanol. It guarantees minimum of 3.0 % of crocin.

<u>Appearance</u>	Yellow to orange powder with characteristic odor.	
<u>Crocin contents</u>	Min. 3.0 %	(HPLC)
<u>Loss on Drying</u>	Max. 10.0 %	(Analysis for Hygienic Chemists, 1 g, 105°C, 2 hr)
<u>Purity Test</u>		
<u>(1) Heavy Metals (as Pb)</u>	Max. 20 ppm	(Sodium Sulfide Colorimetric Method)
<u>(2) Arsenic (as As₂O₃)</u>	Max. 2 ppm	(Standard Methods of Analysis in Food Safety Regulation, The Third Method, Apparatus B)
<u>Standard Plate Counts</u>	Max. 3×10 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>	Ingredient	Content
	Maltodextrin	70-90 %
	Saffron extract	10-30 %
	Total	100 %

Expiry date 3 years from date of manufacturing.

Storage Store it at a cool, dry place. Keep it away from high temperature, high moisture and sunlight, and store it in a closed container.

Established Date	April 17, 2023
Revised Date	September 21, 2023
Specification No.	R-321EN