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PRODUCT STANDARD

PRODUCT NAME : **KIKU FLOWER EXTRACT-LC** (COSMETIC)

This product is an aqueous solution adding 1,3-propanediol into water-extract which obtained from extracting the flowers of *Chrysanthemum morifolium* Ramat. (*Compositae*).

Description Yellowish brown to reddish yellow-brown color solution, having slight characteristic odor

Identification

(1) **Phenol Compounds** Add 1 to 2 drops of Ferric chloride (III) solution TS to this product; The color of the solution develops black to blackish green color.

(2) **Sugar** Add α -Naphthol \cdot ethanol solution (1 \rightarrow 20) to 0.5mL of this solution and shake well, and add gently 1 to 2 drops of sulfuric acid; The contact zone of the solution develops reddish purple color.

Purity Test

(1) **Heavy Metals (as Pb)** Max. 10 ppm (Method 2, JSQI)

(2) **Arsenic (as As₂O₃)** Max. 1 ppm (Method 3, JSQI)

Microbiological Examinations

(1) **Standard Plate Counts** Max. 1×10^2 cfu/g (General Test, JP)

(2) **Molds and Yeast** Max. 1×10^2 cfu/g (General Test, JP)

Expiry Date 1 years after manufacturing date

Composition

<u>INCI Name</u>	<u>Composition</u>
Water	69.7%
Propanediol	30.0%
<u>Chrysanthemum Morifolium Flower Extract</u>	<u>0.3%</u>
Total	100.0 %

Storage

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

Established Date	May 29, 2014
Revised Date	August 9, 2016
Specification No.	Q-609EN