

Functional thickener of botanical origin

QUINCESEED 2S

Quince seed extract dispersion

Quince (*Cydonia oblonga Mill*) has been used as an effective thickener for cosmetics for many years. It shows characteristic thickening function with its unique viscous nature yet non-sticky feel, which is derived from the natural blends of various polysaccharides.

These polysaccharides also work as protective colloids effective to formulate such as skincare lotion, milky lotion, emollient cream, liquid foundation, etc.

Quince seed extract is, by its botanical nature, not uniform in quality depending upon place of production, year and lot, and also taking space to handle bulky material, and susceptible to physical and biological contaminations.

QUINCESEED 2S, a homogeneous quince seed extract dispersion, is developed to clear the above disadvantages and to improve functional application to cosmetic formulations.

QUINCESEED 2S is readily dispersed into water phase by moderate stirring.

Characteristics:

- ① Functional thickener of botanical origin
- ② Blends of various polysaccharides work as protective colloids stabilizing emulsions and preventing precipitation of active ingredients.
- ③ Viscous but non-sticky feel.
- ④ Readily dispersing into water phase by moderate stirring: easy handling and better productivity.
- ⑤ Excellent stability with satisfactory shelf life.

Usages / Applications:

Thickener
Dispersion stabilizer
Protective colloids
Skin feel enhancer
Emollient

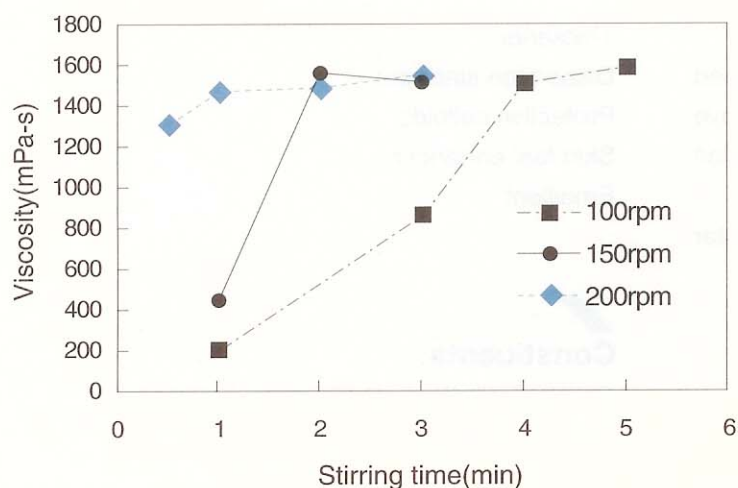
Constituents:

QUINCE (PYRUS CYDONIA) EXTRACT (Quince Seed Extract)
WATER
BUTYLENE GLYCOL
PHENOXYETHANOL
METHYLPARABEN

Specifications

Item	Standard value
Appearance	Light brown to light yellow viscous homogeneous dispersion liquid with a faint characteristic odor
pH	4.0~6.0
Heavy metals	≤10ppm
Arsenic	≤2ppm
Residue on drying	≤4%
Residue on ignition	≤0.5%

Dispersibility Data:



[Method]

Take QUINCESEED 2S 35g into 35g of water (in 200mL vol. beaker). Stir with a propeller mixer at 100, 150, and 200rpm. Measure viscosity by B-type viscometer (BS-A1 type, Rotor No.3, 30rpm, 1min at room temperature).

Distributor:

IWASE COSFA CO.,LTD.

Osaka: 1-7-11 Doshomachi, Chuo-ku, Osaka 541-0045 Japan
 Phone 81-6-6231-3458 Fax 81-6-6231-5768
 Tokyo: 2-10-2 Kyobashi, Chuo-ku, Tokyo 104-0031 Japan
 Phone 81-3-3563-2345 Fax 81-3-3563-2346

Disclaimer : These information, data and formulas contained herein are presented in good faith and we believe they are correct, but no warranties as to accuracy of results or fitness for particular uses are given, nor is freedom from patent infringement to be inferred. It is offered solely for your consideration, investigation and verification.

Manufacturer

DAINIHON KASEI CO.,LTD.

Phone 06-6222-1231 Fax 06-6231-6625