Flow Chart of Adenophora triphylla var. Japonica Hara Extract

***Adenophora triphylla var. Japonica Hara* root 100kg**

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Extract 24hr at 70ºC

0.04-0.05% Linoleic acid, 0.00034% <β-sitosterol

700L liquid extract

70%(v/v) Ethanol

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Filtration — Filter with frame filter through 600 mesh

0.04-0.05% Linoleic acid, 0.00034% <β-sitosterol

620L liquid extract

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Evaporation — Evaporate at 60℃, –(0.08)mPa for 30 min

0.5-0.6% Linoleic acid, 0.0043% <β-sitosterol

50L liquid extract

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Spray Drying — Inlet tempt.: 140-190℃, outlet tempt.: 75-85℃

2.0-2.4% Linoleic acid, 0.017% <β-sitosterol

12.6kg powder

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Sieving — Through 80 mesh

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Homogenization — 7rpm/min

Product spec.: 2.0-2.4% Linoleic acid, 0.017% <β-sitosterol

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Finish Product 12.5kg

2.0-2.4% Linoleic acid, 0.017% <β-sitosterol

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Packing

JIAHE PHYTOCHEM CO., LTD. SHAANXI