Lumiflora Peony

I am from nature

Paeonia flower extract delivers whitening and anti-aging effect

<table>
<thead>
<tr>
<th>INCI</th>
<th>Physical form</th>
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<tbody>
<tr>
<td>Paeonia lactiflora flower extract</td>
<td>Yellow transparent liquid</td>
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Benefits & Uses

- Whitening
- Anti-aging
- Anti-oxidative effect

Application

Skin, Body, Sun and Hair care

Recommended dosages

2.0–5.0 %

When petals fall on your skin

Extract only from flower part gives whitening effect

Peony grown naturally and collected from Mt. Jiri inspires marketer

Whitening mechanism

- Tyrosine
- L-DOPA
- L-dopaquinone
- Dopachrome
- 5,6-Dihydroxyindole-2-carboxylic acid
- Indole-5,6-quinone carboxylic acid
- Melanin
- Melanocytes
- Keratinocytes

Lumiflora Peony
Peony

Symbol of beauty, femininity and riches called ‘Prime Minister of Flower’ in Asia

Oriental medicinal use in human body found in several oriental traditional medicinal books

α-MSH induces melanogenesis
Arbutin is used for comparison of whitening

Melanin Contents

Whitening Effect
Melanocyte B16F10 (P. 7)

Synergetic Effect for Whitening
Melanocyte B16F10 (P. 7)

100μg/ml of Lactiflora Peony shows the similar result with 100μg/ml of arbutin on whitening effect

Lumiflora Peony and arbutin shows the synergetic effect on whitening