

BIORAN Snow SP

(INCI : Glycerin, Piper Longum Fruit Extract, Poterium Officinale Root Extract, Lactobacillus Ferment Filtrate)

Introduction

BIORAN Snow SP is a product that strengthens whitening efficacy by bio-converting Piper Longum and Poterium officinale into our patented strain. It is a product that helps **to solve the root cause of skin pigmentation** by blocking various pathways that produce melanin with highly concentrated whitening ingredients.

01

Utilize bio-conversion technology relieves toxicity and skin irritation



02

Patent

10-1796955



03

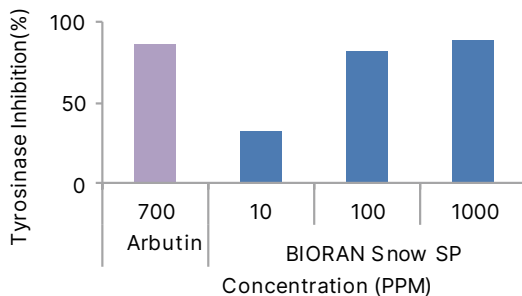
ALL EWG Green Grade

Safe and hypoallergenic care that can be used by the whole family



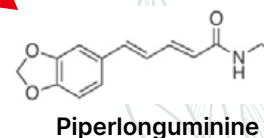
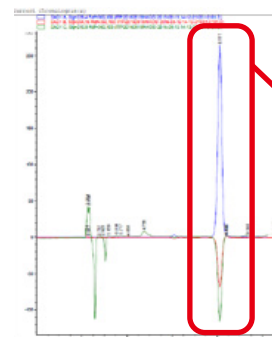
Efficacy test

1. Inhibit Tyrosinase activity of BIORAN Snow SP



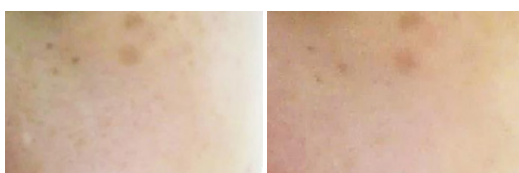
Better whitening activity at lower concentrations than Arbutin

2. Active substances by HPLC



HPLC result, one of the whitening active substances in BIORAN Snow SP was identified as Piperlonguminine

3. Clinical results of BIORAN Snow SP whitening efficacy



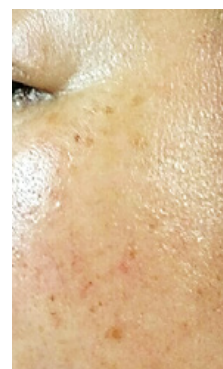
Before

After

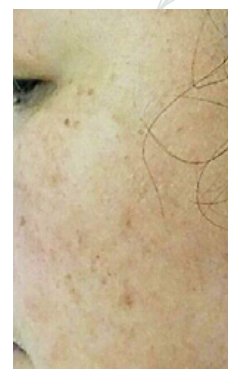


Before

After



Before



After

Result before/after 4weeks of cream with Snow SP 3%
→ Skin tone and pigmentation improvement, freckle reduction