



DAIKON SEED EXTRACT

INCI NAME (PCPC): Raphanus Sativus (Radish) Seed Extract
 INCI NAME (EU): Raphanus Sativus Seed Extract
 CAS NUMBER: 84775-94-0
 EC NUMBER: 283-918-6
 JCLD: 561590
GROWN IN USA

A Follow Up to the Daikon Seed Extract Hair Assessment

Given the positive results from the Daikon Seed Extract Hair Assessment, NPP contracted further testing with higher viscosity silicones. The objective of the follow-up is to learn more about Daikon Seed Extract’s performance versus these silicones. Testing was performed using the same test methods and criteria on Daikon Seed Extract, diphenylsiloxy phenyl trimethicone, 12,500 cps dimethicone, and 60,000 cps dimethicone. The following is a summary of the results.

Dry Combing:

All materials were able to induce a substantial reduction in grooming forces as a result of surface lubrication. However, differences can be detected between the various materials - with the phenyl trimethicone and Daikon Seed Extract inducing the lowest combing forces.

Repeated Grooming:

All products were also observed to significantly reduce hair breakage. Once again, Daikon Seed Extract was observed to provide the optimum benefit.

Shine:

The two dimethicone samples gave rise to the greatest increase in hair shine; although Daikon Seed Extract was also observed to have a sizable effect. Interestingly, the phenyl trimethicone was observed to induce the lowest shine increase of the 4 materials. This is noteworthy as the higher price point of phenyl trimethicone is often traced to its high refractive index; which is frequently linked to improved shine benefits.

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