

NIPPN Pomace Extract

Oral Care Agent (Powder ingredient including oleanolic acid)



This product is extracted and purified from Japanese grape pomace. Grape pomace is the mixtures of grape skins, seeds, and stems remaining after the pressing of grapes in wine-making process. This ingredient contains oleanolic acid, which has been recommended for use as oral care agent such as prevention of caries and periodontal disease.

Features

- This product derived from Japanese grape pomace.
- The oleanolic acid, the major component of NIPPN Pomace Extract, has preventive effects against caries, periodontal disease.

Specifications

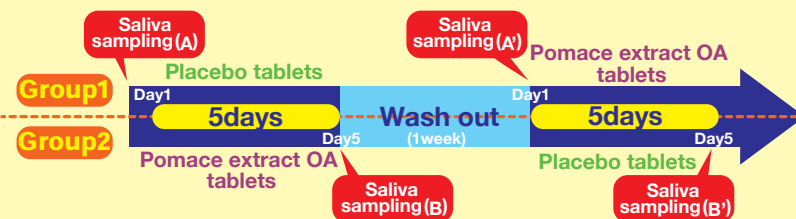
Product Name	NIPPN Pomace Extract GR
Features	Color and flavor derived from grapes
Property	Purplish brown fine powder
Oleanolic acid content	3 % or more
Applications	Recommended for used as dietary supplements and anticaries ingredients in various foods, including jellies, chewing gum, and other sweets, and oral care items , such as toothpaste.



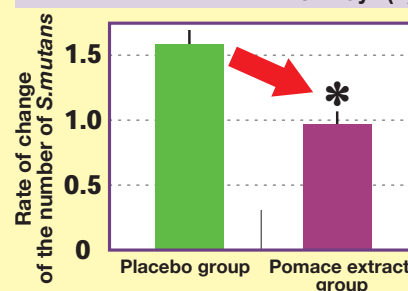
Research and Evidences

The pomace extract group showed a significant decrease in the growth of *S.mutans* in saliva in human trial.

Saliva samples were taken from each subject on Day 1 and Day 5. We determined the number of *S. mutans* in the saliva.

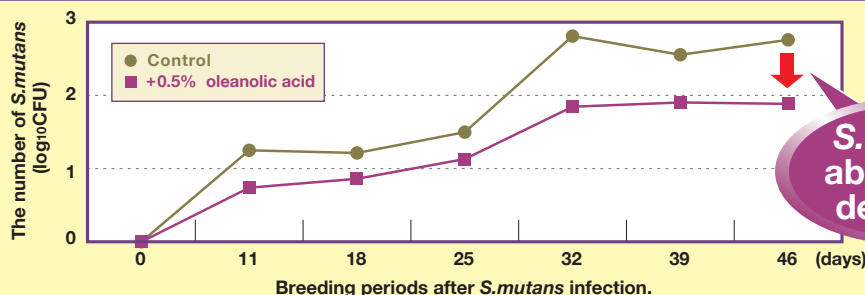


Rate of change of the number of *S.mutans* = $\frac{\text{on Day5 (B)}}{\text{on Day1 (A)}}$



(n=44, means±SE, P<0.05 Wilcoxon signed-rank test)

The growth of *S.mutans* in the oral cavity was inhibited in the rats fed with oleanolic acid.



S.mutans : *Streptococcus mutans*