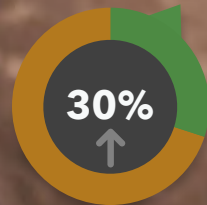
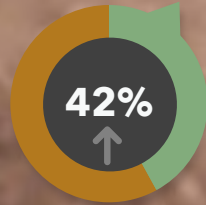


# NATURE'S BIOAVAILABILITY ENHANCING THERMONUTRIENT®

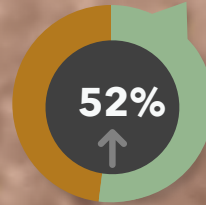
## KING OF SPICES



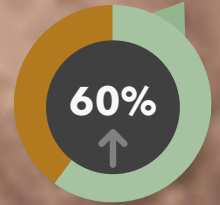
CoQ10



SELENIUM



VITAMIN C



β-CAROTENE



VITAMIN B<sub>6</sub>



RESVERATROL



CURCUMINOIDS



5 MG

LOW DOSE



42

CLINICAL  
STUDIES



45

PUBLICATIONS



95%

STRENGTH

### SAFELY & EFFECTIVELY INCREASE ABSORPTION:

HERBAL EXTRACTS / ANTIOXIDANTS

LIPOSOLUBLE & WATER SOLUBLE VITAMINS

AMINO ACIDS / MINERALS

BioPerine®, a standardized extract of *Piper nigrum* containing 95% piperine, stimulates thermogenic action in the epithelial cells of the small intestine. This acts as a thermonutrient that allows for increased absorption and bioavailability of nutrients. BioPerine® is the only product made from black pepper to obtain the original patented status for its ability to increase the bioavailability of nutritional compounds. It is the only branded black pepper extract to have undergone extensive clinical studies to substantiate its safety and efficacy for nutritional use.



**BIOPERINE®**

A STANDARDIZED EXTRACT  
FROM THE DRIED FRUITS OF  
BLACK PEPPER, CONTAINING  
95% PIPERINE

**BioPerine®**

NATURE'S OWN **BIOAVAILABILITY**  
ENHANCING **THERMONUTRIENT**

Black pepper (*Piper nigrum*) is considered as the "King of Spices" throughout the world due to its pungent principle, piperine. This revered spice has been used in human diet from ancient times and today, it is extensively used as a food supplement, spice, as well as a natural

bioavailability enhancer. The Materia Medica of Ayurveda documents black pepper as one of the three essential herbal ingredients for several prescriptions and formulations.

BioPerine® is a GRAS-affirmed ingredient, safe and takes pride in being the only product sourced out of black pepper for its ability to increase the bioavailability of several nutrients.



bioperine.com

## APPLICATIONS

Several study reports support the “**Bioenhancer concept**” of piperine, as it was known to enhance the bioavailability of various nutrients in both human and animals.

Piperine has been clinically proven to improve bioavailability of a range of nutrients, including herbal extracts (e.g. curcumin), fat-soluble vitamins (e.g. vitamin A, D, E, K), water-soluble vitamins (e.g. vitamin B1, B2, B6, vitamin C), minerals (zinc, iron, calcium), amino acids [L-(+)-Selenomethionine, Se-Methyl-L-Selenocysteine], and Coenzyme Q<sub>10</sub> (CoQ<sub>10</sub>).\*

**BRAND NAME**  
BioPerine®

**COMMON NAME**  
Black Pepper extract

**BOTANICAL NAME**  
*Piper nigrum*

**DESCRIPTION**  
Off-white to greenish-yellow powder

### PRODUCT INFORMATION

Content of Piperine (by HPLC)	Not less than 95% w/w and not more than 102% w/w on dry basis
Shelf-life	5 years
Storage Condition	Store at room temperature
Certifications	Kosher & Halal Certified
Site Qualification	FSSC 22000:2011, NSF GMP, USP GMP, FDA-inspected



\* These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.