

# PIPERINE

## The Bioactive Compound of Black Pepper



Piperine is the major bio-active component of pepper, which imparts pungency and biting taste to it. This naturally occurring alkaloid has numerous demonstrated health effects and beneficial therapeutic properties.

- Black pepper is rich in a plant compound called piperine, which test-tube studies have found to have potent antioxidant properties.
- Studies suggest that a diet high in antioxidants may help prevent or delay the damaging effects of free radicals.
- Test-tube and rodent studies have observed that ground black pepper and piperine supplements may reduce free radical damage.
- For instance, rats fed a high-fat diet plus either black pepper or a concentrated black pepper extract had significantly fewer markers of free radical damage in their cells after 10 weeks compared to rats fed a high-fat diet alone.

## Specifications

Botanical/Scientific name	<i>Piper nigrum</i>
CAS No.	84929-41-9
Description	Off white to cream powder
Identification	HPLC
Cadmium	Less than 0.5 PPM
Arsenic	Less than 0.5 PPM
Lead	Less than 1 PPM
Mercury	Less than 0.1 PPM
Lead	Less than 1 PPM
Microbiological Profile	As per EU Food Regulation



### Bio-Med Ingredients

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