

Trust the Most Studied Curcuma

Sabinsa has developed a reputation for being a trusted and valued resource to academic and medical communities in providing C₃ Complex[®] for a variety of research initiatives.

Feel quiet when using the *Curcuma longa* from the leading Cie

New Metabolic syndrome

A significant study on Curcumin C₃ Complex[®] (in combination with BioPerine[®]) in patients with metabolic syndrome has been published on end of 2014, showing the significantly greater effect of Curcuminoids in reducing the serum concentrations of LDL-C, non-HDL-C, total cholesterol, triglycerides and Lp(a), when serum HDL-C concentration was elevated significantly. Serum sdLDL levels were comparable (randomized, double-blind, placebo, 117 patients, 8 weeks).

New - Osteoarthritis

Another study on 53 subjects for 8 weeks with C₃ Complex and BioPerine shows that this combination brought a significant improvement in arthritic indices such as VAS (Visual Analogue Scale), WOMAC (WOM Osteoarthritic Index) and LPFI (Pain Index).



All form of curcuminoids are not equal. Some forms can be bioavailable, but unfortunately inactive.

Sabinsa's Curcumin C₃ Complex[®] enjoys a special place among curcumin extracts. C₃ Complex is obtained from the dried rhizomes of *Curcuma longa* (turmeric) and standardized to min. 95% Curcuminoids. The name C₃ Complex has reference to its three main chemical compounds – Curcumin (75-85% of the composition), Demethoxycurcumin and Bisdemethoxycurcumin – collectively known as Curcuminoids.

Traditional knowledge

The rhizome of turmeric has a rich history in India as a spice, food preservative and coloring agent, and has been used for centuries in the Ayurvedic system of medicine : well-documented for treatment of various respiratory conditions (e.g. asthma, bronchial hyperactivity and various allergies), liver disorders, poor appetite, rheumatism and influenza symptoms.

Pharmacological activity

Turmeric and more appropriately the components curcuminoids have been preclinically and/or clinically validate their role in maintaining health and wellness.

At the molecular level, the curcuminoids have been showed to inhibit nuclear factor kappaB (NGkB), a transcription factor that triggers inflammatory mediators.

Curcumin C₃ Complex counteract free radicals in 2 ways :

- Prevention of free radical formation
- Intervention whereby already preformed radicals are quenched by the curcuminoids.

Curcuminoids offer antioxidant, anti inflammatory , and a healthy immune system support, and potential prevent connective tissue break down through inhibiting destructive enzymes, with benefits in healthy aging and all-related oxidative stress (including diabetes mellitus (and the secondary complications of the disease). Studies reported It protects the liver against several toxicants both in vitro and in vivo.

Various other researches are conducted especially against metabolic syndrome (see below), as well as Alzheimer (anti-amyloid b), and cancers (breast, bladder, pancreatic, skin) where curcuminoids act by inhibiting several processes.

Why Curcumin C₃ Complex stands out from the crowd ?

- **Most clinically studied Curcumin brand:** more than 65 scientific publications, including clinical trials, have been published, and more than 100 articles.
- **Free curcuminoids only,** and no inactive metabolites
- **Most active form** (independent comparison of various Curcuma 95)
- **Most safety data conducted with C₃ Complex and not another curcuma extract.** Only Curcumin in the market that has been reviewed and acknowledged by US FDA for GRAS status, a process which includes a comprehensive review of safety and toxicological data
- **Most Patent-IP protection:** Holds patent covering composition of curcuminoids, method of manufacture and uses
- **Most consistent quality:** C₃ Complex has the same composition of the three Curcuminoids consistently in the same ratio in every batch
- It is known for its **very low oxalic acid** content (what caused kidney stones), heavy metal, ...
- **Most stable supply chain:** C₃ Complex is promptly delivered from European buffer stock
- More **proven bioavailability**
- **Dedicated unit:** C₃ Complex is processed all over the year in its dedicated unit on a continuous batch extractor, without risk of cross contamination, from known fields (traceability)
- **Various awards**
- **Grades available**
Curcumin C₃ Complex 95%
Curcumin C₃ Complex 95% DC (Direct Compression)
Curcumin C₃ Complex BWS (with Bacosides)
Curcumin C₃ Complex Beadlets
Dispersible Curcumin C₃ Power Liquid

Beverage-grade with pleasant taste now available

Sabinsa introduce a new form of Curcumin which is new market-ready, product formulation concept, Curcumin C₃ Power Liquid , which was the Tasting Center Award Winner at Vitafoods Asia 2019.

Sabinsa's Curcumin C₃ Dispersible - a standardized powder extract containing 60% Curcuminoids - effectively and efficiently resolves the solubility challenge of curcumin.

Developed specifically for RTD beverages and powdered drink mixes utilizing natural excipients as a base, it can be added to water or juice, or used in chewable/ dispersible tablets.

It is not an instant powder, as it must be firstly dissolved.

