



## Clinical Applications

- Provides Antioxidant and Cell-Protective Activity\*
- Supports Joint Health and Helps Relieve Minor Pain Associated With Physical Activity\*
- Supports the Health of Organs and Systems by Modulating the Production of Cytokines and Other Signaling Molecules\*
- Supports the Body's Efforts to Promote Healthy Cell Growth and Inhibit Unhealthy Cell Growth in Certain Cell Lines\*
- Supports Brain/Neuronal Health and a Healthy Mood\*
- Supports a Healthy Microbial Environment\*

*Peak Curcumin features BCM-95®—a 100% pure turmeric extract standardized to curcumin, demethoxycurcumin, bisdemethoxycurcumin, and essential oils of turmeric rhizome. This natural composition optimizes bioavailability and reflects true turmeric identity to deliver optimal health benefits. BCM-95 has been extensively studied and shows broad efficacy without the use of phospholipids, excipients, additives, carriers, nanotechnology, or bioenhancers.\**

All Luxe. Salon & Med Spa Formulas Meet or Exceed cGMP Quality Standards

## Discussion

Curcumin, the principal curcuminoid in turmeric, has been the subject of vast research in recent years. The pleiotropic nature of curcumin's biological effects make it an interesting compound to researchers who study common chronic health concerns, such as those associated with joints, the cardiovascular system, glucose metabolism, brain function, mood, and cell-cycle regulation.\*<sup>[1-6]</sup>

The mechanisms underlying curcumin's effects are diverse and have not been fully elucidated, but it is known that curcumin has powerful antioxidant activity and that it has multiple molecular targets, including transcription factors, cell cycle proteins, cytokines, chemokines, enzymes (e.g., COX-2), receptors, and adhesion molecules.<sup>[7]</sup> These effects make curcumin applicable to a wide array of clinical presentations.\*

### Patented Formulation: BCM-95®

While the beneficial effects of curcumin are hardly arguable, an area of intense research is how to make curcumin more bioavailable. Poor absorption in the gastrointestinal (GI) tract, rapid metabolism, and rapid systemic elimination are characteristics of commercially available curcumin preparations. While investigating a way to overcome these challenges, scientists discovered they could take advantage of the synergism between the curcuminoids and the sesquiterpenoids (essential oils) naturally present in turmeric.<sup>[7]</sup> This discovery resulted in the development of BCM-95—a 100% natural whole turmeric extract composed of 86% curcuminoids (curcumin, demethoxycurcuminoid, and bisdemethoxycurcuminoid) and 7%-9% essential oils.\*

Essential oils are a natural component of the turmeric rhizome. Not only do they enhance absorption of curcuminoids, but they also impart health benefits.<sup>[8-10]</sup> The essential oils found in BCM-95 are extracted using double steam distillation. Essential oils comprise 7% to 9% of turmeric, with 50% of that being ar-turmerone, alpha-turmerone, and beta-turmerone. Some of the other essential oils present in BCM-95 include ar-curcumene, alpha-curcumene, zingiberene, beta-sesquiphellandrene, beta-atlantone, and germacrone.\*

### The Bioavailability of BCM-95

Animal and human studies have demonstrated the superior bioavailability of the BCM-95 curcumin composition.<sup>[7,11,12]</sup> In a pilot crossover study, Antony et al compared the bioavailability of three forms of curcumin: BCM-95, normal curcumin, and a non-controlled release curcumin-piperine-lecithin formula. The data demonstrated that the absorption of curcumin from BCM-95 was fast, peaked at 4.5 hours with a gradual decline, and that curcumin was still detectable in the blood at eight hours. The other formulas showed slower curcumin absorption with an earlier peak and rapid disappearance from the blood after 4.5 hours. The relative bioavailability of BCM-95 was approximately 6.93-fold higher than normal curcumin and 6.3-fold higher than the non-controlled release curcumin-lecithin-piperine formula. According to the researchers, the results of this study indicate that the BCM-95 curcumin is "absorbed early and retained longer" compared to other forms.\*<sup>[7]</sup>

Unlike other bioavailability-enhanced curcumin formulas, BCM-95 does not contain any non-turmeric compounds; no phospholipids, excipients, additives, carriers, nanotechnology, or bioenhancers are used.

### BCM-95 Studies

To date, BCM-95 is backed by more than 21 published studies and over 12 years of research conducted around the world. Unlike many commercially available curcumin formulas, the bioavailability, safety, and efficacy of BCM-95 curcumin has been demonstrated in numerous preclinical and human studies. The following areas illustrate the massive body of research behind BCM-95 in relation to common health concerns: colon health<sup>[13-17]</sup>, mood and stress<sup>[5,18-20]</sup>, cognitive health<sup>[6]</sup>, joint health<sup>[2,21]</sup>, urinary health<sup>[22]</sup>, cytokine modulation<sup>[23,24]</sup>, prostate health<sup>[25-27]</sup>, breast health<sup>[28]</sup>, and cardiovascular health.\*<sup>[29]</sup>

As an example of the findings, in an eight-week randomized, double-blind, placebo-controlled trial (n=56), ingestion of 500 mg BCM-95 twice daily resulted in significant improvements in mood-related parameters during weeks four to eight.<sup>[20]</sup> These findings are supported by

**\*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.**

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Peak Curcumin

# Supplement Facts

Serving Size: 1 Capsule  
Servings Per Container: 60

|   | Amount Per Serving | %DV |
|---|--------------------|-----|
| Turmeric Extract ( <i>Curcuma longa</i> ) (rhizome)<br>(95% total curcuminoids complex, including curcumin,<br>curcuminoids, and volatile oils) (86% curcuminoids) (65% curcumin) <sup>S1</sup> | 500 mg             | **  |
| ** Daily Value (DV) not established.  |                    |     |

**Other Ingredients:** Capsule (hypromellose and water), dicalcium phosphate, ascorbyl palmitate, silica, and carboxymethyl cellulose.

S1. BCM-95<sup>®</sup> is an exclusivity licensed registered trademark to Arjuna Natural Pvt Ltd. Protected under U.S. Patents 7,883,728; 7,736,679; and 7,879,373.

## Directions

Take one capsule twice daily, or as directed by your healthcare professional.

Consult your healthcare professional prior to use. Individuals taking medication, especially blood thinners or for cancer, should discuss potential interactions with their healthcare professional. Do not use if tamper seal is damaged.

## Formulated To Exclude

Wheat, gluten, corn, yeast, soy, animal and dairy products, fish, shellfish, peanuts, tree nuts, egg, ingredients derived from genetically modified organisms (GMOs), artificial colors, artificial sweeteners, and artificial preservatives.

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