

**TMC**

NPN 80076486

**DESCRIPTION**

TMC combines the clinically studied extracts of the *Piper betle* leaf and *Dolichos biflorus* seed plus acetyl-L-carnitine to provide antioxidants that help protect cells against the oxidative damage caused by free radicals.

**FUNCTIONS**

Body cells and tissues are threatened continuously by damage caused by toxic free radicals and reactive oxygen species (e.g., peroxides), which are produced during normal oxygen metabolism, by other chemical reactions, and by toxic agents in the environment. Free radicals, once formed, are capable of disrupting metabolic activity and cell structure. When this occurs, additional free radicals are produced, which in turn can result in more extensive damage to cells and tissues.

LOWAT® is a patent-pending ingredient that consists of *Piper betle* leaf and *Dolichos biflorus* seed extract, which have been traditionally used in Indian culture. LOWAT has been evaluated in a randomized, double-blind, placebo-controlled clinical study and was reported to be well-tolerated.

Acetyl-L-carnitine is a naturally occurring metabolite of L-carnitine, and both are present in the diet, particularly in foods of animal origin. Acetyl-L-carnitine can act as an antioxidant, scavenging harmful superoxide radicals. Since superoxide can damage membrane lipids, this may explain acetyl-L-carnitine’s membrane protective properties.

**INDICATIONS**

- Antioxidant support

**FORMULA (#202230-120HYC-C)**

Each Capsule Contains:

LOWAT® .....	150 mg
Providing	
Betel pepper ( <i>Piper betle</i> ) Leaf Extract (7:1) .....	60 mg
(420 mg dried equivalent)	
Catjang ( <i>Dolichos biflorus</i> ) Seed Extract (12:1) .....	90 mg
(1080 mg dried equivalent)	
Acetylcarnitine (N-acetyl L-carnitine hydrochloride) .....	150 mg

Non-Medicinal Ingredients: Hypromellose (capsule), cellulose, silica, ascorbyl palmitate.

LOWAT® is exclusively distributed by InterHealth N.I.  
 LOWAT® brand botanical blend derived from Ayurvedic plants.

**SUGGESTED USAGE**

Adults: Take 2 capsules 30 minutes before a meal, 3 times daily, or as directed by your healthcare practitioner. Consult your healthcare practitioner for use beyond 8 weeks.

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**RISK INFORMATION**

Do not use if you are pregnant or trying to conceive. Consult your healthcare practitioner prior to use if you are breastfeeding, have liver or kidney disease, or a seizure disorder. May cause digestive problems.

**STORAGE**

Store in a cool, dry place. Keep out of reach of children.

**REFERENCES**

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Nabasree Dasgupta, Bratati De. Food Chemistry Volume 88, Issue 2, November 2004, Pages 219–224.

**For more information on TMC visit [douglaslabs.ca](http://douglaslabs.ca)**

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