

Suntheanine®

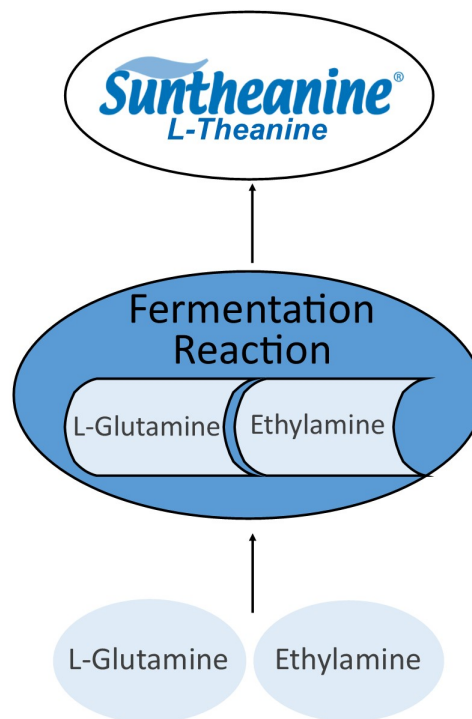
L-Theanine Production

L-Theanine is stored in the leaves.



Tea Plant

L-Theanine is produced in the roots from the combination of Glutamine and Ethylamine.



In the tea plant, L-Theanine is created naturally in the roots. Glutamine and Ethylamine, found in the soil, are absorbed by the plants roots. Together they form L-Theanine which is then transported to the leaves of the plant for storage.

In the Patented production of Suntheanine® L-Theanine, L-Glutamine plus Ethylamine are combined and undergo a fermentation reaction. The resulting product is Suntheanine® which is 100% pure L-isomer-theanine, the same isomeric form that appears in nature.

Suntheanine is produced via a fermentation process that mimics the natural process in green tea leaves resulting in a 100% pure L-isomer-theanine. It is not an extract of green tea, but rather is a patented fermentation process using the amino acids ethylamine and L-glutamine that assures an isomerically pure L-theanine.