

Our Natural mixed Tocopherols are derived from vegetable oil deodorizer distillate (DOD), which is a side stream from the final stage of the production of edible Soybean oil. During the refining process of crude Soybean oil, oil is first degummed, then neutralised and finally deodorized. As a result of all these purifying processes, protein content found in DOD is extremely low.

Tocopherols present in DOD are then obtained after several industrial processes in our Plant. This includes solvent extraction, chemical modification and precipitation. They are further purified and undergo separation via molecular distillation under high temperatures (>200°C) and very low pressures. These processes are likely to further reduce the presence of allergenic proteins below detectable limits.

To confirm the absence of proteins in our finished products, analysis have been carried in a European certified laboratory, with results showing negative PCR (Polymerase Chain Reaction) content, below method's detection limit.

The other ingredient present in final product is highly refined Sunflower oil, which is considered not allergenic.

No derivatives from peanuts, crustaceans, eggs, fish, milk, tree nuts or wheat are used as ingredients.

Based on this, we think it is unlikely that our Tocomix product line could trigger a severe allergic reaction in susceptible individuals.

#### References:

- Analysis of PCR performed by Eurofins on Tcomix 70 IP and Natural Vitamin E SF.
- Request EFSA-Q-2006-151 on natural mixed Tocopherols (E306) and natural D-alpha Tocopherol from soybean sources.
- No allergen potential in highly refined oils; Rigby et al 2011. Journal of Agricultural and Food Chemistry. Vol. 59(5) pp. 1752–1759. DOI: 10.1021/jf103560h

Advanced Organic Materials S.A. assumes no responsibility with regards to the suitability of the products for any specific purposes intended by the user.

This list should not be considered a substitute for independent examination and confirmation of the ingredients used in any identified product. This list is periodically updated in an attempt to reflect the current status of our products and may vary from printed materials. Because this list may change, we recommend visiting our website ([www.aomsa.com.ar](http://www.aomsa.com.ar)) in order to obtain the most recent version of this Statement and our Product Data Sheets.