

#91532 StoppOx® Emulsion

StoppOx® Emulsion, organic is one of our **tailor-made and highly effective** antioxidant blends for long-term stabilization of emulsions and oil formulations.

Incorporating fresh plant tinctures into formulations, such as creams, poses significant challenges due to the high proportion of water-soluble and ethanol-soluble plant components. These components can cause instability and color changes, which vary depending on the specific plant used (e.g., calendula, pansies...). To effectively **prevent discoloration and protect the cream**, precise antioxidant dosage is crucial, yet difficult to determine.

To address this issue, **we recommend conducting a series of tests** with varying concentrations of StoppOx® Emulsion. This specialized product, containing Ethyl Ferulate and Tocopherol, provides robust antioxidant protection. By testing different concentrations (1%, 1.5%, and 2%), you can accurately determine the optimal amount needed to maintain the stability and color quality of your formulations, ensuring they remain white or light over time.

Adding StoppOx® AP - Ascorbyl Palmitate (#91450) can **further enhance the protection**, particularly for the water-soluble components, thus ensuring comprehensive stability and extending the shelf life of your products. This approach will help in creating high-quality, stable formulations despite the challenges posed by fresh plant tinctures.

INCI

Helianthus Annuus Seed Oil / Tocopherol / Ethyl Ferulate / Humulus Lupulus Extract

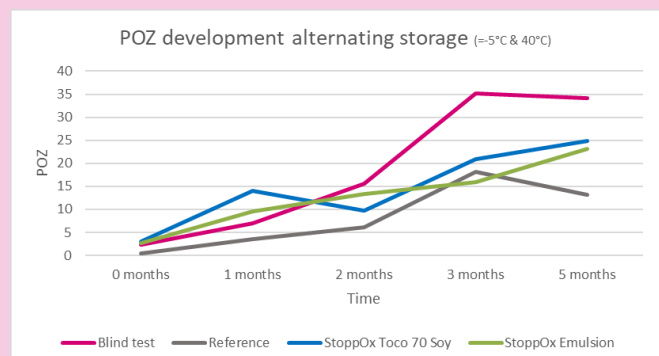
Certification

Certified by Prüfgesellschaft mbH / COSMOS certified 80% organic / NATRUE conform

With StoppOx® Emulsion you can achieve **32% better protection** of your product!

In 2022/2023 we carried out a study on the POZ performance of different antioxidants – please see the results in the graph below.

It shows that both StoppOx® Emulsion and StoppOx® Toco 70 Soy provide protection against oxidation when stored alternately. StoppOx® Emulsion offers 32% better protection of the formulation compared to the blank sample. StoppOx® Toco 70 Soy offers 25% more protection than the blank sample.



StoppOx®
natural antioxidant

"Do you need assistance with a study? We can connect you with a laboratory that can conduct the tests for you." Your AOT Team

