

Summary of the dossier

Applicant: GreenOnyx Ltd., Sderot HaHaskala 9, Tel Aviv-Yafo, Israel 6789009

This is a notification for the authorisation to place on the EU market the following traditional food from a third country: fresh *Wolffia*. The notification has been compiled in line with the administrative and scientific requirements of Commission Implementing Regulation (EU) 2017/2468 for notifications concerning traditional foods from third countries in accordance with Regulation (EU) 2015/2283 of the European Parliament and of the Council. It is also in line with the European Food Safety Authority (EFSA) guidance on the preparation and presentation of the notification and application for authorisation of traditional foods from third countries in the context of Regulation (EU) 2015/2283.

GreenOnyx (GO) *Wolffia* is the product name for the plant genus *Wolffia* (known locally in Thailand as *Khai nam*) and is an edible food from the duckweed family. *Wolffia* has a long history of being used as a source of food by humans and *Wolffia arrhiza* and *Wolffia globosa* are the dominating species of duckweed used for human consumption. Traditionally, these plant species are cultivated in season in local aquatic farms in countries in Asia, including Myanmar (Burma), Laos and Thailand and is grown in small local open ponds that require intensive management and with inability to commercially scale as a result of uncontrolled contamination risks (pollutants and microorganisms) and high level of cultivation instability.

GO *Wolffia* is cultivated in a controlled closed system for continuous safe and stable generation of the *Wolffia* biomass in an indoor aquatic vertical farm. This farm implements the traditional farm growing conditions of GO *Wolffia* in an optimal and safe level under closed and controlled environmental conditions. The composition of the nutrients added to the water is tightly controlled, and prevents contamination of the plants with heavy metals, pesticides or other undesired contaminants. The GO *Wolffia* plants were collected from natural habitats and were not manipulated or modified, thus are similar to the plants that are being used in traditional farms. But unlike traditional farms, the GreenOnyx's *Wolffia* cultures are free of any pollutions or chemical hazards, are pathogen-free, secured and stable year-round under the controlled cultivation.

GO *Wolffia*, which is to be placed on the market in the EU as a traditional novel food, will be delivered as a fresh vegetable (freshly packed). Similar to other fresh green leafy vegetables, GO *Wolffia* may be consumed as food in the form of the whole fresh plant, in the form of grounded or cooked vegetable and be added as an ingredient in many food and drink categories.

This notification is supported by a number of references documenting the traditional history of consumption of this traditional food and its safety of use.