



## The Reducose® Quality Ecosystem

### Our competitive edge for your peace-of-mind

### How Reducose® is made

#### ORIGIN

Reducose® is extracted from selected young white mulberry leaves cultivated and harvested in southwest China. These young leaves are sourced as per Phynova's in-house specification which conforms with European standards.

#### MANUFACTURING AND CONTROLS

Reducose® is manufactured according Phynova's patented process and under strict adherence to current cGMP, Hazard Analysis, and Risk-Based Preventive Controls. This process aligns seamlessly with the stipulations outlined in US 21 CFR 117, ensuring full compliance with food-grade requirements.

The manufacturing process of Reducose® also places strong emphasis on product quality and manufacturing consistency. This commitment is upheld through meticulous testing protocols, guaranteeing that every batch of Reducose® consistently meets stringent standards of purity, potency, and safety.



A series of tests are conducted by accredited labs and Reducose® experts prior to QC release of Reducose® batches. These tests include organoleptic properties, chromatographic identification, active compounds assay and contaminants analysis. Contaminants analysis is extensive with routine monitoring of heavy metals, pesticides, aflatoxins, and microbiology with international recognised methods and stricter limits.

#### 1.2 BILLION CONSUMER SERVINGS

To date, a total of 100+ batches, processing approximately 2000 tons of mulberry leaves equating to roughly 1.2 billion consumer servings, have been successfully produced. Notably, there have been no reported complaints regarding quality consistency or conformity, affirming the robustness of our manufacturing and quality control processes.

**THERE IS MUCH MORE TO REDUCOSE®  
THAN MEETS THE EYE...**

# What makes Reducose® unique from a quality standpoint

## CERTIFICATIONS:

- Manufactured to cGMP standards
- Halal, Kosher, Non-GMO certified
- FSSC 22000 compliant



## VALIDATIONS:

- Verified Botanical Authentication
- Chinese pharmacopeia requirements applied ensuring plant identification
- Stringent validation of active content analysis through Good Laboratory Practice standards
- Quality verification from labs accredited by European accreditation bodies

## UNIQUE EXTRACT:

- Pure water extract, no organic solvents used
- Patented production process
- Guaranteed and consistent potency

## CLEAN LABEL:

- Allergen free and Gluten free
- No artificial colours or flavours
- No artificial additives or preservatives
- Non-Bioengineered
- ETO free
- BSE/TSE free
- ProVeg (Vegetarian and Vegan) eligible ingredient

# Top notch manufacturing practices

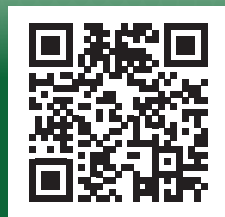
Phynova's selected manufacturing partner holds high quality standards, and all compliances listed below have been inspected and validated by third-party independent inspectors and organisations.

- Compliance with the requirements of US 21 CFR 117, Current Good Manufacturing Practice, Hazard Analysis, and Risk-Based Preventive Controls for Human Food
- Compliance with ISO 9001:2015 for their Quality Management System
- Compliance with the requirement of Food Safety System Certification 22000, ISO 22000:2018, ISO/TS 22002-1:2009 for their food safety management systems
- Compliance with ISO 14001:2015 for their Environmental Management Related to Development & Production of Plants Extracts
- Compliance with ISO 45001:2018 for their Occupational Health and Safety Management Related to Development & Production of Plants Extracts

Phynova's selected manufacturing partner is also accredited by EcoVadis and Sedex, demonstrating their dedication to socially and environmentally sustainable business practices and supply chains.

By forging a strategic partnership with a carefully selected and robust manufacturer, Phynova can ensure that Reducose® not only meets the highest standards of quality and safety but is also produced in a way that supports a healthier planet and a more equitable society.

For more information, e-mail [info@phynova.com](mailto:info@phynova.com) or scan the QR code to visit [phynova.com](http://phynova.com)



## About Phynova

Founded in Oxford in 2002, Phynova is a British life science company specialized in developing and commercializing unique, science proven health ingredients, powered by plants. Phynova identifies and researches active ingredients from plants with a rich history and track record of use in traditional medicine. Phynova develops the scientific, IP and regulatory framework around these ingredients so they can be commercialized globally for a variety of health benefits and unmet needs.

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