



nektium

SCIENCE BASED
NATURAL INGREDIENTS

WHY NEKTIUM?

We carefully integrate traditional knowledge, nature and science to make outstanding botanical extracts



COMMITTED TO SCIENCE-BASED INNOVATION

Our R&D team of 7 PhD scientists has a diverse background in life sciences, natural products and health and is dedicated to finding the best solution to your product needs.

RESPONSIBLE MATERIAL SELECTION

We go to great lengths to ensure that the raw materials from our trusted and qualified suppliers are formally identified, sustainably harvested following good agricultural practices and safely conditioned, stored and transported.

FAST & FLEXIBLE SERVICE

All our operations are under one roof allowing us the ability to offer you the swift results we pride ourselves on. We can deliver your extracts in flexible volumes and ship them to wherever you are in the world.

NEKTIUM IN NUMBERS

More than 20 years experience

10.000m² manufacturing facility

Processing capacity of up to 20mT raw material per day

350m² in 3 laboratories (physico-chemical, cell and molecular biology)

Pilot plant for rapid prototyping of new products manufacturing process and optimization

In house R&D laboratory capabilities with 1 medical doctor

50 employees , 42% women

OUR TECHNICAL PROCESSES

Extraction

Our technologies combine the best traditional solvent extraction processes, using only pure water and food grade ethanol, with the most modern in-line counter current technologies. These gentle extraction methods allow us to produce superior extracts with the best natural phytochemical profiles.

We use delicate evaporation technologies to concentrate our extracts, and where needed by our customers we have column purification technologies to concentrate selected bioactives.

Concentration & Purification

Processing

Pasteurization, low temperature spray drying, microencapsulation, granulation - we are equipped with technologies that allow us to adapt our products to your needs.

QUALITY & CERTIFICATIONS

From incoming raw material to final product batch release our internal quality control lab performs more than 50 protocols, 20 procedures and over 32 analyses in the production of a single batch

RIGOROUS BOTANICAL IDENTITY PROCEDURES

We conduct rigorous identity procedures to each lot of plant material, including macroscopic, sensorial and UHPLC chromatographic profiles, combined with identity confirmation by DNA-barcode analysis.

EXPERIENCED QUALITY ASSURANCE DEPARTMENT

Our PhD-qualified analytical chemists work in a dedicated physico-chemical laboratory with advanced analytical instrumentation, including UHPLC-DAD/MS and GC-MS.

GRANTED CERTIFICATIONS

We have cGMP certification for the manufacturing of nutraceutical ingredients. Our products are Kosher and Halal certified.

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