

# ANCIENT SEA SPA SERVICES

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## WHAT IS MODIFILAN

**Modifilan is a natural dietary supplement; an extract from the richest type of brown seaweed – Laminaria Japonica.** This unique nutritional product is comprised of all the important organic elements found in seaweed.

The patented technology of physical extraction and low-temperature vacuum evaporation processing removes the seaweed's outer fiber and extracts only the inner, water soluble, part of the Laminaria leaf. This enhances minerals, vitamins and polysaccharides for easier digestion and better results. FORTY pounds of raw seaweed are needed for the production of only ONE pound of Modifilan. **In essence Modifilan is the concentrated dried juice of seaweed.**

**The major difference between Modifilan and all other seaweed products on the market is its bio-availability.** Even the most recognized kelp and algae nutritional supplements are generally dry ground seaweed in variations, nothing else. In its original form seaweed is not optimally digestible. Thick heavy fibers of seaweed turn into a harsh sandy substance when they are dried and ground. A simple test can be done – mix any other types of seaweed products with water and you will see that they do not dissolve entirely but rather make a sludge which never gets digested. When we mix Modifilan with water or juice it develops into a light suspended gel. The extract fully dissolves and this is the best indication of a product's bio-availability.

***Organic Iodine** feeds the thyroid gland which controls metabolism and promotes maturation of the nervous system. It is also the main natural disinfection agent in our body. Every 15 minutes all our blood goes via that small organ.*

***Laminarin** is a polysaccharide helpful in the prevention and treatment of cardiovascular diseases. It helps to balance coagulation of blood.*

***Alginate** is a natural absorbent of radioactive elements, heavy metals and free radicals. It has the unique ability of binding heavy metals and radioactive elements to its own molecules. As the Alginate cannot be broken down by bile or saliva and cannot be absorbed by the body, it is secreted from the body together with the heavy metals and radioactive substances. Removal of the heavy outer fibers made it possible to receive all the nutritional qualities and good minerals of seaweed in one simple but very potent wholesome product.*

This product was first made in the USSR in the late 1960's after fallouts occurred at nuclear labs and power plants. Radioactive contamination was known to be very dangerous to human health by then and the healing qualities of seaweed had been known for centuries. The Russian government instructed to find a powerful remedy for radiation poisoning among that macrobiotic group. After trying various algae, one type gave the best scientific data. The synergetic combination of ionic iodine, laminarin, alginates and selenium in *Laminaria japonica* had the strongest effect compared to all other types of kelp. It was the perfect group of elements, found in one natural source.

This extract was known very little in the Soviet Union for several decades due to its very specific field of application. The first time it was successfully used in volume was after the Chernobyl nuclear plant catastrophe in 1989. Used for detoxification and thyroid gland rehabilitation, Modifilan helped thousands of nuclear plant workers and people in the area affected by the explosion. Large group of doctors was assigned to observe the health conditions of those who ate Modifilan for almost one year. Great results overcame all expectations.

Since then, rigorous scientific and clinical studies in the USSR had shown many other benefits of this product. The latest research on brown seaweed in Japan has confirmed the presence of Fucoidan in it. This organic element promotes apoptosis (self-destruction of cancer) and it helps to naturally eliminate harmful cells. Modifilan has 4% of Fucoidan by volume in natural shape – as much as raw kelp itself.

In the mid-90's Modifilan received certification from the Russian Ministry of Health as the leading non-medicinal prophylactic product. But manufacturing it in the new market economy there became too costly. Growing prices on raw non-farmed *Laminaria* made it impossible to extract Modifilan according to the patented technology.

Pacific Standard Distributors, Inc. from California obtained a patent and brought the new product back to life in 1997. The finished product is made in America now, although the raw seaweed is still hand-harvested in its natural wild habitat.

In 2001 Modifilan received certification and became a **Registered Product** ® in the United States. Today it is distributed by traditional business ways in the West.