



**Biotics Research Corporation, A Label You Can Trust**

## **Eight Little Known Reasons**



*When patients ask us, “Why do we use Biotics as one of our major suppliers?”*

### **Biotics Research goes far beyond mere identification of botanicals** in their

manufacturing process. Currently Biotics Research has over 300 products. While they may not have every product, what they do have is biologically active ingredients that are tested for environmental contaminants. Their products are labeled correctly and have consistent biological activity batch to batch. Here are some examples of why Biotics Research is one of our major suppliers. There is no company that exceeds their quality control.

### **BRC advanced testing verifies the exact plant, species, and growing area of every botanical raw material sent to them.**

BRC uses state-of-the-art analytical equipment in their laboratory such as: high performance liquid chromatography, thin layer chromatography as well as FTIR spectroscopy, IPC-MS, GC-MS and gel Electrophoresis to identify the exact plant, nutrient species and biochemical properties. Many powdered botanical agents can look the same and sometimes different parts of the same plant can be named the same. Biotics’ raw material testing can identify the exact species of a plant and the active nutrient. This testing assures that their supplements will deliver effective results.

### **BRC tests each individual ingredient for its “active” properties.**

For example, nutrients grown in poor soil or harvested at the wrong time of the year may not contain the active properties that BRC is looking for in their supplements. Each single ingredient may undergo 4-7 different tests to be sure biological activity is present. Using these tests and the sophisticated laboratory equipment Biotics has created Bio-Prints for the botanicals they use. A bio-print is like a finger print for plants. It identifies the plant, the part of the plant, and often even the part of the world where the plant originated! If the bio-print testing of a raw material doesn’t match up, it’s rejected. Because of this, BRC’s quality control goes way beyond any other manufacturer in the industry.

### **BRC tests raw materials for solvent residues.**

Solvents are needed to extract phytochemicals from plants. Knowing the biochemistry of botanical extracts and how they are concentrated, Biotics tests to assure residues of solvents are removed. For example, in curcumin extract, a potentially carcinogenic solvent may be used, 1,2 dichloroethane. The maximum limit according to the USP is 5 ppm. When Biotics tested for the presence of this solvent from one supplier they found 139 ppm. Nearly 30 times above limit. Obviously the material was rejected. As you can see, Biotics’

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standards are far above the highly touted GMP (Good Manufacturing Practice) guidelines.

## **BRC tests all raw materials for heavy metals.**

BRC has found mercury, lead and other toxic metals in some of the bulk materials that have been shipped to them from “trusted” suppliers. Obviously, BRC rejects all such materials. Sadly, many supplement companies, will buy these rejected contaminated materials in good faith and put them into their own supplements never knowing that they contain heavy metals, because they don’t do their own testing.

Sadly some companies only use the most basic quality control. They rely on suppliers Certificate of Analysis because they can't afford the in-house professional staff or equipment to do the testing themselves.

These standards would be woefully inadequate for Biotics Research.

## **BRC emulsifies its oils.**

Processed oils must be emulsified before they can be used by the body. The gallbladder does this job in the human body. Knowing that many people have digestion problems, BRC makes its supplements with emulsified oils, reducing the stress on the body, and dramatically increasing the nutrient absorption by the user. In fact, emulsified oils can increase absorption (uptake) by 300%!

## **BRC uses phytochemically rich plants as a tableting base.**

Their base, unlike the sugar, starch and inert materials used by other supplement companies, is loaded with antioxidants! Gram for gram, the BRC tableting base has some of the highest levels of antioxidants of any known botanical agent.

## **BRC uses phytochemically bound trace minerals.**

Trace minerals such as lithium, rubidium and molybdenum are now being actively researched for their healing and health properties. For twenty years, BRC has been using a revolutionary technique to naturally bind these trace minerals to the plants used in their supplements. These trace minerals can then be naturally recognized by the body when ingested.

## **BRC glandular products supply neonatal glands from animals one to three days old.**

This is extremely significant because the glands at this development stage are highly anabolic, which means they have all the genetic material to reproduce healthy tissue. The glands of older animals can be much more toxic if they have been subjected to years of hormones, antibiotics, pesticides and herbicides, and their organs have undergone many more years of use.

