

Arjuna Natural Extracts Ltd

Established in 1992, and through more than two decades of steady and continuous growth, Arjuna Natural Extracts Ltd is today India's leading company specializing in scientific methods of identification, separation and manufacturing of plant based active compounds.

With customers in around 40 countries, the company has several international patents to its credit. The company has R&D tie-ups with Australian and US universities and worldwide business associations with companies from USA, Belgium, France, Italy, Japan and South Africa among others. In recent years, Arjuna has won several awards and achievements for its innovation, research and quality products.

Arjuna's production processes and products meet market-specific regulations worldwide. With a total manufacturing area of over 400000 Sq.ft., its four manufacturing facilities for herbal extractions meet all international standards. A GMP certified, SAP driven company, Arjuna has achieved reputed international certifications including ISO 22000, Star K Kosher and Halal. Currently the only manufacturer of concentrated Omega-3 fish oil in India, the company follows strict guidelines in packing and storage. Arjuna's quality control system is stringently managed along international standards. The raw materials are sourced from approved vendors so as to conform to certified standard analysis. These are then analyzed to ensure that active constituents of each herb are maintained at desired levels of consistency and potency. Such a stringent quality policy ensures the consistency and quality of the finished products, adhering to international quality parameters like finger printing, purity, residual solvents, heavy metals, pesticides, physical characteristics and microbial parameters. For quality control and production, strict SOPs are maintained and monitored real time. To meet the quality parameters, Arjuna has all the required equipment including HPLC, HPTLC, Headspace GC and ICP-MS (PerkinElmer, USA), a high-end and advanced equipment used for heavy metal analysis.

The highly advanced R&D unit at Arjuna is a complete research facility for phytochemistry, pharmacokinetics, formulation and development, pre-clinical and clinical studies. The state-of-the-art laboratory at Arjuna has been approved for in-

house research by the Ministry of Science & Technology, Government of India since 2002. A separate and exclusive R&D unit equipped with a pilot plant was also set up.

The laboratory employs advanced high-tech equipment like LC MS-MS (Waters, USA) which facilitates mass directed quantification and identification of molecules. Other high tech equipment include the HPLC with ELS Detector, GCMS, Preparative HPLC, Flash Chromatograph, UPLC, HPLC and FTIR. For NMR studies, Arjuna associates with reputed universities. On top of it all, the processes are controlled and monitored by well experienced and highly qualified scientists. Other distinctive features include, specialized equipment for blood plasma analysis as well as a well maintained, central government approved Animal House. Moreover, there is a Greenhouse for the cultivation of several high value medicinal plants.

BCM-95® is Arjuna's patented Turmeric extract formulation and is manufactured by synergistically combining Curcumin and Ar-turmerone, the essential oil of turmeric. It is one of the most powerful botanicals in the world today. While other bio available turmeric extracts use various synthetic additives to enhance bioavailability, the therapeutic benefits of turmeric can only be maximized by combining Curcumin with Ar turmerone. In BCM-95®, this unique synergy forms a 95% bioactivity-enhanced curcuminoid complex that makes it the world's most bio active turmeric extract with superior bio availability.

The company has also launched another innovative product 'Oxystorm' which is currently the world's first nitrate extract from Red Spinach for enhanced performance.

At Arjuna the emphasis is also on creating an environment that supports minimal ecological footprints. The barren piece of land, where two decades back the manufacturing facility of Arjuna was set up, now stands dramatically altered. Today, the factory is spread across 40 acres of lush green land, totally in harmony with nature, interspersed with coconut palms, gooseberry plants as well as numerous other medicinal herbs.

The full manufacturing unit runs on solar energy with over a thousand solar panels. The relentless focus on the use of renewable energy helps the organization to save nearly 1000 litres of diesel on a daily basis and over 4, 38,000 units of electricity

every year. Arjuna is the first company in the world to produce turmeric extract powered completely by solar energy. Rainwater harvesting is another environmentally responsible activity that has been in focus at Arjuna. At Arjuna's manufacturing facilities, this has immensely helped to counter water shortage by providing an excellent back-up source of water.

The company continues its pursuit to deliver innovative product solutions to the nutraceutical industry through its ongoing research and development initiatives. For its commitment to excellence, Arjuna won 'The most innovative exporter award' at the ECGC- D& B Indian Exporters' Excellence Award 2015.

[Read More](#)