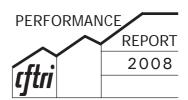
## **PATENTS**

During 2007-08, 24 patents have been filed in India while 5 patents were filed abroad as per the list given below:

## Patents filed in India

- A process for preparation of slow carbohydrate digestibility rice suitable for diabetics
- A process for haziness and sediment free coconut and similar oils
- A process for preparation of citrus peel powder as a gelling agent from lime, lemon, orange, sweet orange, tangerine and similar fruits thereof
- A process for the preparation of protein based fatless fat substitute
- An improved domestic level dough shaping and forming apparatus
- A process for the isolation of essential oil from the roots of Indian Sarsaparilla (Hemidesmus Indicus r. Br.)
- A method for the separation and purification of peroxidase from radish
- A process for the preparation of photo-stable, water-soluble curcumin from turmeric (*Curcuma Longa*)
- An immobilized D-xylitol protein conjugate and specific antibodies to D-xylitol and their utilities thereof
- An improved process for the roasting of groundnut kernels using pulsed infrared radiation
- An improved process for the preparation of vanilla extract
- A process for outdoor cultivation of microalga *Botryococcus* species
- A device useful continuous production of boondi and other traditional deep fat fried products
- An improved process for the preparation of fibre rich cake
- An improved process for preparation of pure Fumonisin B1
- A process for preparation of stabilized flavourant from swallow roots (Decalepis hamiltonii wight & arn)
- A process for the production of soycurd-tofu using natural coagulants
- A sugar cane juice concentrate and a process for preparation thereof



- A process for the preparation of photo-stable encapsulated curcumin colorant from turmeric (Curcuma longa)
- An anti-invasive and antimetastatic galectin-3 inhibitory polysaccharide from *Decalepis hamiltonii* and a process for the preparation thereof
- A process for preparation of fermented Okara (soy residue) based idli batter
- A process for faster curing vanilla beans and production of vanilla concentrate thereby
- A process for preparation of w-3 and w-6 fatty acid rich glycerides useful for functional foods
- A process for developing an instant gel for the preparation of restructured food products without heat processing

## **Patents filed Abroad**

Title	Country
A process for preparation of cashew apple beverage dry mix	Brazil
A process for the detection of Aspergillus ochraceus by PCR	PCT
A process for preparation of ready-to-eat expanded product from minor cereals	PCT
A process for production of multienzyme system by fermentation	PCT
A process for the preparation of probiotic fermented milk beverage with enhances stability and metal ions during storage with adjuvant supplementation	PCT

Outdoor cultivation of Botryococcus



