

Nutraceutical products developed/ in the pipeline from CSIR-CFTRI

Sl.No	Product	Description
1.	High Purity Curcumin	Technology, relates the preparation of high purity curcuminoids from turmeric oleoresin. This novel process for the preparation of high purity curcumin powder containing 98-100% is achieved for the first time.
2.	Zerumbone crystals	Technology involves size reduction of the zerumbet ginger rhizomes, crushing, destarching, and isolation of volatile oil by distillation and crystallization of zerumbone crystals. It is a facile process for the preparation of pure Zerumbone crystals.
3.	6-gingerol rich conserve	The technology for the preparation of 6-gingerol rich conserve from fresh ginger rhizomes (<i>Zingiber officinale</i> Roscoe) involves the steps of 1)Cleaning 2)Crushing 3)Pressing 4)Drying 5)Grinding 6)Desilventisation.
4	Spirulina	Spirulina is a concentrated source of protein (65-70)%, vitamins, especially B12, Provitamin A(beta carotene) and Vitamin E, minerals, especially iron and calcium. It is also rich in gamma linolenic acid (GLA), an omega 3 fatty acid.
5	Nutri chikki PUFA Enriched	Flax seeds were incorporated into chikki for PUFA enrichment, antioxidant addition was standardized for longer shelf life.
6	Sesame oil lignans concentrate	
7	Xylo-oligosaccharides	
8	Galacto-oligosaccharides	
9	Isomalto-oligosaccharides	

10	FOS based Intermediate moisture fruit chunks	
11	Nutrient enriched fermented cereal food formation	
12	Curcuminoids	
13	Ascorbyl stearate	
14	Arabinoxylans	
15	Xylooligosaccharides	
16	Ferulic acid	
17	Mango peel	
18	Beta carotene	
19	Astaxanthin	
20	Fucoxanthin	
21	Lactucaxanthin	
22	Oleic acid	
23	Phospholipids	
24	Cinnamic acid	
25	Arabinogalactan	
26	Marmelosin	
27	Full fat soy flour	A soy based, ready to eat, low-fat, high protein snack food and a process for its manufacture prepared by blending of full-fat soy flour up to 30% gram flour, rice flour to form a dough in a ribbon blender which is extruded into a desired shape
28	DAG oils	
29	Nutri oil blends	

30	Tocopherols & tocotrienols concentrate from DOD	
31	Healthfood based on oryzanol	