

Extraction of Curcumin from Turmeric (Curcumin Longa, Phytochemicals)

Description:

Extraction of Curcumin from Turmeric (Curcumin Longa, Phytochemicals, Curcuminoid of Turmeric (Curcuma Longa), Spice Oleoresins, Spice Oils and Oleoresins, Curcuma)

Manufacturing Plant, Detailed Project Report, Profile, Business Plan, Industry Trends, Market Research, Survey, Manufacturing Process, Machinery, Raw Materials, Feasibility Study, Investment Opportunities, Cost and Revenue, Plant Economics, Production Schedule, Working Capital Requirement, Plant Layout, Process Flow Sheet, Cost of Project, Projected Balance Sheets, Profitability Ratios, Break Even Analysis

Curcumin is a component of the Indian spice turmeric (Curcumin longa), a type of ginger. Curcumin is one of three curcuminoids present in turmeric, the other two being desmethoxycurcumin and bis-desmethoxycurcumin. These curcuminoids give turmeric its yellow color and curcumin is used as a yellow food colorant and food additive.

Curcumin is obtained from the dried rhizome of the turmeric plant, which is a perennial herb that is cultivated extensively in south and Southeast Asia. The rhizome or the root is processed to form turmeric which contains 2% to 5% curcumin.

Curcumin is the main biologically active photochemical compound of Turmeric. Turmeric is a spice derived from the rhizomes of *Curcuma longa*, which is a member of the ginger family (Zingiberaceae). Rhizomes are horizontal underground stems that send out shoots as well as roots. The bright yellow color of turmeric comes mainly from fat-soluble, polyphenolic pigments known as curcuminoid.

For more details download PDF file

Keywords: Curcumin Extraction, Curcumin Extraction Plant, Curcumin Extraction Process from Turmeric, Curcumin from Turmeric Processing Plant, Curcumin/Turmeric Extract, Curcumin Herbal Extract, Turmeric Processing for Curcumin, Curcumin Extract, Haldi Extract, Curcuma Extract, Turmeric Extract, Turmeric Processing Plant Project Report, Extraction of Curcumin, Curcumin Extraction Unit, How is Curcumin Extracted from Turmeric?, Methods of Extraction of Curcumin from Turmeric, Curcumin Extraction Project Rep

Created At: 17 Oct, 2017