

# Investment Opportunities in Production of Caffeine

## Description:

### Investment Opportunities in Production of Caffeine. Extraction of Caffeine from used Tea Leaves. Tea Waste Management

Caffeine in pharmaceuticals is considered as a drug that acts as a stimulant for the central nervous system (CNS). It is one of the most widely used drug in the world and is known for containing psychoactive substances. It is a bitter substance containing white crystalline like purine, mostly methylxanthine alkaloid. They are found in seeds, nuts or even leaves of few plants that are said to be native of South America or East Asia. Usually, the main source of caffeine is said to be coffee beans. The main usage of caffeine is to prevent the consumer from drowsiness and improve their performance. Caffeine is found in many beverages like coffee, tea, cola among others and is heavily consumed by most adults globally. Consumption of 400grams of caffeine is safe for an adult but its consumption by adolescents must be limited to prevent from future illness.

Caffeine is the most widely consumed psychoactive drug that acts as a stimulant for the central nervous system (CNS). Caffeine is a naturally-occurring component present in coffee beans, cocoa beans, guarana, and tea leaves. Caffeine is a white crystalline purine, mostly a methylxanthine alkaloid, with bitter taste.

The consumption of caffeine in adequate amounts improves the reaction time, alertness, concentration, and lowers the risk of cardiovascular disease and diabetes. Moreover, it helps in protecting against various types of cancer, including liver, colon, and colorectal cancers.

Caffeine is a naturally occurring substance compound observed in plant constituents such as cocoa beans and espresso, the kola nut, guarana berries, tea leaves and includes a long history of human utilization. Caffeine is the most widely consumed psychoactive drug which acts as a stimulant for the central nervous system. It is a white crystalline purine, very often a methylxanthine alkaloid consisting of bitter taste.

**For more details download PDF file.**

**Keywords:** Caffeine from Tea Waste, Recycling of Tea Waste, Solid-Liquid Extraction of Caffeine from Tea Waste, Project Report on Caffeine from Tea Waste, Caffeine Extraction from Tea, Extraction of Caffeine from Tea Waste Pdf, Extraction of Caffeine from used Tea Leaves, How to Extract Caffeine from Tea, Tea Industry - Waste in Food Industry, Producing Caffeine from Tea, Tea Waste Management, Extraction: Isolation if Caffeine from Tea, Extraction of Caffeine from Different Verities of Tea, Extraction is u

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