



## Technical Data sheet

**Product Name:** Turmeric Extract  
**Botanical source:** *Curcuma longa* Linn  
**Active ingredients:** Curcuminoids  
**Specification:** 95%  
**Grade:** Food grade  
**Part used:** Turmeric Root  
**Appearance:** Yellow Orange Powder  
**Test method:** HPLC



### Introduction:

Turmeric Extract is a bright yellow/orange polyphenol having the form of a dry powder that is oil-soluble. The concentrate has neither flavor nor aroma. It colors food readily if there is oil present. The medicinal properties and health benefits of turmeric extract are attributed partly to its strong anti-oxidant and anti-inflammatory characteristics.

Turmeric extract is derived from the root of the turmeric plant first by boiling and drying, then by grinding it to a powder, followed by extraction of the active ingredients using a solvent. There are 18 times more curcuminoids in the concentrate than in the natural spice which is simply a powdered form of the dried root. The concentrate is also known as Curcumin.

Turmeric extract has attracted the attention of researchers in the fields of Alzheimer's Disease, Memory Deficits, Arthritis, Cancer, including Breast Cancer and Diabetes.

### General effects:

- anti-oxidant effects
- anti-inflammatory effects
- anti-dyspepsia effects
- anti-platelet effects
- anti-viral effects
- anti-fungal effects
- anti-bacterial effects (inhibits *Helicobacter Pylori*)

### Application:

Functional food, drinks, health care products and pharmaceuticals.



**Technical specification:**

Product Name	Turmeric Extract
Latin Name	<i>Curcuma longa Linn</i>
Part used	Root
Country of Origin	China
<b>ANALYSIS</b>	<b>SPECIFICATION</b>
Assay	95% Curcuminoids
Appearance	Yellow Orange Powder
Residue on Ignition	≤1.0%
Loss on drying	≤1.0%
Heavy Metal	<10ppm
Pb	<2ppm
As	<2ppm
Hg	<1ppm
Cd	<1ppm
Odor	Characteristic
Particle size	100% through 80 mesh
<b>Microbiological</b>	
Total Plate Count	<3000cfu/g
Yeast & Mold	<300cfu/g
E.Coli	Negative
Salmonella	Negative
Staph-aureus	Negative

**Packaging Details:**

Package: 25kgs/fiber drum, inner with double-layer plastic bags.

Storage: Store in cool & dry place, do not freeze, and keep away from direct strong light.

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