



Starmeric™

RESISTANT STARCH ISOLATE
FROM TURMERIC

Starmeric™ INSOLUBLE **TURMERIC** FIBERS

Turmeric (*Curcuma longa*), a well known medicinal plant contains curcuminoids (1-6%), volatile oil (3-7%), mineral matter (3-7%), protein (6-8%), fat (5-10%), moisture (6-13%) and carbohydrates (60-70%). The pharmacological benefits of Curcuminoids are well known to mankind. The unexplored non-polar components

of turmeric like carbohydrates, proteins and fibers also have potential health benefits. Starmeric™ is a resistant starch, isolated from turmeric and having a high content of amylose (linear polysaccharide with α , 1-4 linkage). The double-helical crystalline structure of resistant starch cannot be hydrolyzed by enzymes in the small intestine and it is passed into the large intestine for fermentation by gut microflora, there it produces short-chain fatty acids.

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APPLICATIONS

The resistant starch, with the virtue of its slow degradability by the enteric enzymes, lowers the postprandial glucose level and can also improve the insulin sensitivity. Various studies have implicated the anti-diabetic potential of resistant starch in preclinical studies (Sun *et al.*, 2018). When taken orally, short-chain fatty acids released during resistant starch metabolism by gut microflora have stronger anti-inflammatory activity (Vinolo *et al.*, 2011).*

Starmeric™ has been shown to possess anti-rheumatoid activity against *Mycobacterium tuberculosis* induced adjuvant arthritis. Additionally, various studies have shown that the resistant starch can improve serum lipid profile, improve colon health, improve gut microbiome, and can act as a potent prebiotic (Janine *et al.*, 2004).*

BRAND NAME
Starmeric™

COMMON NAME
Turmeric Starch

BOTANICAL NAME
Curcuma longa

DESCRIPTION
Pale-brown powder

PRODUCT INFORMATION

Content of Starch	Not less than 40 %w/w
Shelf-life	2 years
Storage Condition	Store at room temperature
Certifications	Kosher & Halal Certified
Site Qualification	FSSC 22000:2011, NSF GMP, USP GMP, FDA-inspected

* These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

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