

## **Curcumin Extract of Turmeric (Curcuma longa L.) Rhizome**

Art. ID	NIST-3300
Unit	5 x 1 g
Deliverydetails	No Dangerous Good /not restricted

### Description

This Standard Reference Material (SRM) is intended primarily for use in validating analytical methods for the determination of curcuminoids in curcumin extracts of turmeric (*Curcuma longa* L.) rhizomes and similar matrices. NIST-3300 (SRM 3300) can also be used for quality assurance when assigning values to in-house control materials. A unit of NIST-3300 consists of five packets, each containing approximately 1 g of a curcumin extract of a turmeric rhizome. /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Certified mass fraction	Bisdemethoxycurcumin	[33171-05-0]	18,06 ± 0,75	mg/g		
Certified mass fraction	Desmethoxycurcumin	[22608-11-3]	115,4 ± 5,5	mg/g		
Certified mass fraction	Curcumin	[458-37-7]	815 ± 25	mg/g		