

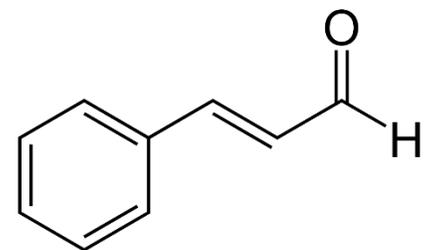


## CINNAMOMUM CASSIA



The plant *Cinnamomum cassia* Blume is commonly known as Chinese cinnamon. Mostly its bark and leaves are used in medicine. *C. cassia* is safe when used in small amounts as in foods and medicinal doses. The whole plant is medicinally important in Indian traditional system of medicine, particularly in Ayurveda <sup>[1]</sup>.

**Phytoconstituents:** It contains about 1–2% of volatile oil called cassia oil. The primary constituents of the essential oil are 65–80% cinnamaldehyde and less amount of eugenol. It also contains mucilage, starch and tannins <sup>[2]</sup>.



Cinnamaldehyde



### Medicinal Uses:

Cinnamon is used as an aromatic spice. Bark is used for its carminative, stomachic, diarrhea and antibacterial properties. Research has focused on different pharmacological activities, such as anti-inflammatory, antioxidant, hepatoprotective activities, of *C. cassia* Blume [1].

**Grades Available:** 12% Polyphenols

### Specifications:

<b>Botanical/Scientific name</b>	<i>Cinnamomum cassia blum</i>
<b>Identification</b>	UV
<b>Heavy metal</b>	Not more than 20 ppm
<b>Arsenic</b>	Not more than 1 ppm
<b>Lead</b>	Not more than 3 ppm
<b>Microbiological profile</b>	As per JPN Food Regulation

### Reference:

1. Bansode: "A review on pharmacological activities of *Cinnamomum cassia blume*" International Journal of Green Pharmacy April-June 2012
2. Trease GE, Evans WC. Trease & Evans' Pharmacognosy. 13th ed. London: Baillière Tindall; 1989.

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