



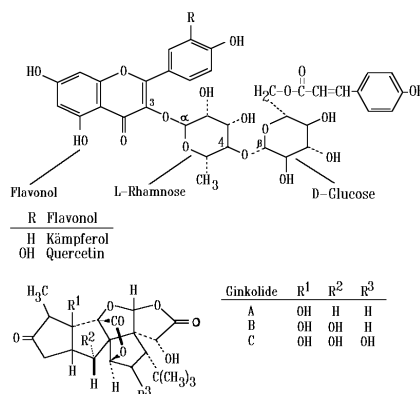
**TECHNICAL DOCUMENTATION**

Revision: 06.07.2009

**GINKGO BILOBA EXTRACT 246E (EP 6.1)**

**NAME OF THE PLANT:** Ginkgo biloba  
**PART OF THE PLANT USED:** Leaves  
**RATIO OF PLANT : EXTRACT:** Between 33 and 50:1  
**CHEMICAL DEFINITION:** Mixture of Ginkgoflavonglycosides, Ginkgoterpenelactones and Proanthocyanidins

**STRUCTURAL FORMULA:**



CAS N. 90045-36-6

**TECHNICAL DESCRIPTION:**

**APPEARANCE:** Brown hygroscopic powder with characteristic odour

**SOLUBILITY:** Soluble in ethanol/water

**IDENTIFICATION:** HPLC gradient  
TLC

**LOD:** Less than 3.0 %

**HEAVY METALS:** Less than 10 ppm

**SULPHATED ASH:** Less than 1.5 %

**ASSAY:**

- Flavonglycosides : Not less than 24.0 %
- Terpenelactones : Not less than 6.0 %
- Proanthocyanidins : Not more than 9.5 %

**IMPURITIES:**

**GINKGOLIC ACIDS:** Less than 5 ppm

**SOLVENTS:**

**ETHYL ALCOHOL:** Not more than 5000 ppm

**MICROBIOLOGY:** Complies with EP

**STORAGE:** Sealed container and protected from moisture

**PRODUCT APPLICATIONS:** Ginkgo biloba extract has an effect on the regulation of blood flow to the brain and is used primarily for the symptomatic treatment of dementia syndrome, deficient memory, disturbances of concentration, dizziness and tinnitus. Ginkgo biloba extract is also a free radical scavenger and powerful antioxidant.

**COSMETIC APPLICATIONS:** include anti ageing, free radical scavenger, antioxidant, improvement of dermal microcirculation and stimulation of lymph drainage.

**THERAPEUTIC CATEGORY:** Vasodilator, anti-ischemic, free radical scavenger and antioxidant.

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