



**TECHNICAL DATA SHEET**

|                  |                         |
|------------------|-------------------------|
| Product code     | 030646                  |
| Product          | Ginkgo Biloba Extract   |
| Specification    | EP.8                    |
| Part used        | Leaves                  |
| Botanical source | <i>Ginkgo biloba L.</i> |
| Extract solvent  | Water & Ethanol         |
| Extract Ratio    | 35:1~67:1               |

| Items   | Specification              | Methods                  |
|---|----------------------------|--------------------------|
| <b>Physical &amp; chemical</b>  |                            |                          |
| Odor  | Characteristic             | Organoleptic             |
| Appearance  | Fine powder                | Organoleptic             |
| Color   | Brown                      | Organoleptic             |
| <b>Analytical quality</b>   |                            |                          |
| Sieve analysis  | 90% through 80 mesh        | Eur.Ph. <2.9.12>         |
| Loss on drying  | ≤5.0%                      | Eur.Ph.7.0 [2.8.17]      |
| Total ash   | ≤10.0%                     | Eur.Ph.<2.4.16>          |
| Bulk density  | 40~60g/100mL               | Eur.Ph.<2.9.34>          |
| Tap density   | 60~90g/100mL               | Eur.Ph.<2.9.34>          |
| Quercetin: Kaemperol  | 0.8-1.5                    | /                        |
| Flavones  | 22.0% ~ 27.0%              | HPLC                     |
| Lactones  | 5.4% ~ 7.0%                | HPLC                     |
| Ginggolic acids   | ≤5ppm                      | HPLC                     |
| Ginggolides (A+B+C)   | 2.80% ~ 3.40%              | /                        |
| Bilobalide  | 2.60 %~ 3.20%              | HPLC                     |
| <b>Contaminants</b>   |                            |                          |
| Lead(Pb)  | ≤3.0 mg/kg                 | Eur.Ph.7.0<2.2.58>ICP-MS |
| Arsenic (As)  | ≤2.0mg/kg                  | Eur.Ph.7.0<2.2.58>ICP-MS |
| Cadmium (Cd)  | ≤1.0mg/kg                  | Eur.Ph.7.0<2.2.58>ICP-MS |
| Mercury (Hg)  | ≤0.1mg/kg                  | Eur.Ph.7.0<2.2.58>ICP-MS |
| Residual solvents   | Meet Eur. Ph. Requirements | Eur.Ph.7.0<2.4.24>       |
| Residual pesticides   | Meet Eur. Ph. Requirements | Eur.Ph.<2.4.13>          |
| Non irradiated  | ≤700                       | EN <13751:2002>          |
| Sum PAHs 4 (Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluorant hene and Chrysene) | ≤50ppb                     | GC-MS/MS                 |
| ETO   | ≤0.1mg/kg                  | GC-MS/MS                 |
| <b>Microbiological</b>  |                            |                          |
| Total plate count   | ≤10000cfu/g                | Eur.Ph. <2.6.12>         |
| Yeast & mold  | ≤1000cfu/g                 | Eur.Ph. <2.6.12>         |
| E. Coli.  | Negative( Per 10grams)     | Eur.Ph. <2.6.13>         |
| Salmonella  | Negative(Per 25grams)      | Eur.Ph. <2.6.13>         |

Net weight: 25kgs/Drum

Gross weight: 27.5Kgs±0.5kg

24 months under 30°C in a well-closed container and away from moisture, light, oxygen.

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