

Product Chamomile (Matricaria) flower dry extract $\geq 0.2\%$ total apigenins

Botanic name Matricaria (Chamomilla) recutita L.

CAS number 84082-60-0

Product Code EMTRC4DR72

Production Site Italy

Extraction Solvent Water / Ethanol (80/20 V/V)

Excipients Maltodextrin

Auxiliary Substances $\leq 0,5\%$ colloidal anhydrous silica

Tapped Density about 0,5 g/ml

Particle size $\geq 90\%$ - goes thru sieve nr.500 (sieve method Eur.Ph.)

Other information

- Control is made on raw material with following limits:
- <5ppb aflatoxine B1
- <10ppb total aflatoxin (sum of B1,B2, G1 and G2)
- Residual pesticides compliens to Reg.(EC) No.839/2008
- product gluten free and not irradiated
- Product does not contain and it is not manufactured from OGM components (EEC Reg. 1829/2003 and 1830/2003)
- Storage in cool, dark and dry place

| TEST | LIMITS | METHOD |
|------------------------------------|---|--------------------|
| Characters | Brown, fine powder | Inspection |
| Identification | Positive | TLC |
| Content | $\geq 0.2\%$ total apigenins | HPLC |
| Drug extract ratio (DER) | 2:1 (indicative) | |
| Loss on drying | $\leq 5\%$ | 105° C - 3 hours |
| Residual Solvents | $\leq 0,5\%$ ethanol | Gas Chromatography |
| Heavy Metals | ≤ 10 ppm (Pb <3 ppm; Cd <1 ppm; Hg <0.1 ppm) | Atomic absorption |
| Antimicrobial Preservatives | Absent | |
| Microbial contamination | | |
| Aerobic microorganism * | ≤ 10000 u.f.g./g | as per Eur.Ph |
| Moulds-Yeasts * | ≤ 100 u.f.g./g | as per Eur.Ph |
| Enterobacteriaceae | ≤ 100 u.f.g./g | as per Eur.Ph |
| E.Coli (1 g) | Absent | |
| Salmonella (10g) | Absent | |
| * | all indicated limits have to be interpreted as 2X according to Eur.Ph | |
| Date of issue: | 11/11/2009 | |

| ALLERGENS FORM | | |
|--|------------------------|---------------------------------------|
| MAIN ALLERGENS | PRESENCE (YES / NO) | QUANTITY (ppm) in case of presence |
| Sulphur dioxide and sulfites (specify quantity if higher than 10 ppm or 10 mg / kg) | NO | |
| Peanut seed and derived products (including oil) | NO | |
| Cashew - nut (including oil) | NO | |
| Walnut (including oil) | NO | |
| Hazelnut (including oil) | NO | |
| Brazil walnut (including oil) | NO | |
| Pecan nut (including oil) | NO | |
| Macadamia nut (including oil) | NO | |
| Pistachio - nut (including oil) | NO | |
| Pine kernel (including oil) | NO | |
| Almond (including oil) | NO | |
| Eggs and derived products | NO | |
| Shellfish and derived products | NO | |
| Fishes – crustaceans and derived products (including gelatin...) | NO | |
| Soya and derived products (including lecithin..) | NO | |
| Gluten (specify quantity) of following origin | NO | |
| § Wheat | NO | |
| § Rye | NO | |
| § Barley | NO | |
| § rustic wheat (lat. spelta) | NO | |
| § oat | NO | |
| § hybrid species and derived products from gluten | NO | |
| Milk | NO | |
| Dairy products including lactose (specify quantity) | NO | |
| Sesame seed and derived products (including oil) | NO | |
| Lupin (lat. lupinus) and derived products | NO | |
| Celery and derived products | NO | |
| Mustard and derived products | NO | |

THERE IS NO RISK OF CROSS-CONTAMINATION IN OUR PLANTS

In case the formula is subjected to modifications or any of the conditions we have guaranteed are changed, we oblige ourselves to inform you immediately