



COMMITTEE FOR VETERINARY MEDICINAL PRODUCTS

SALVIAE FOLIUM

SUMMARY REPORT

1. *Salviae folium* (Sage) is the dried leaves of *Salvia officinalis* L. The pharmacologically and toxicologically relevant components are: essential oil, 1.5%, containing 35-50% of α - and β -thujon (mainly α -), camphor, cineol, borneol and bornylacetate. Also present are flavonoids and tannins.
2. A fluid extract (1:1) of *Salviae folium* is contained in one veterinary product containing also fluid extracts of 3 other crude drugs as well as thymol and tincture of arnica. The extract of *Salviae folium* constitutes 29.4% of the product, which is intended for topical treatment in all animal species of wounds and inflammations of the skin. The product is prescribed only for individual treatment.
3. *Salviae folium* and preparations therefrom are stated to possess carminative, antispasmodic, antiseptic, astringent and antihidrotic properties.
4. Extracts of *Salviae folium* have spasmolytic, choleric, antidiabetic, antihypertensive, antimicrobial and antiviral activities. Also effects on the central nervous system are reported.
5. *Salviae folium* is used as a culinary herb and is listed by the Council of Europe as a natural source of food flavouring in Category N2. This category indicates that *Salviae folium* can be added to food stuffs provided that the concentrations of thujones (α - and β -) present in the final product do not exceed 0.5 mg/kg, with the exception of alcoholic beverages (10 mg/kg), bitters (35 mg/kg), food containing Sage (25 mg/kg) and Sage stuffing (250 mg/kg).
6. A worst case calculation of residues resulting from the application of *Salviae folium* containing veterinary medicinal products estimates an accumulated amount of 0.047 g of *Salviae folium*/kg of edible tissue. This amount of *Salviae folium* corresponds to a maximal amount of 0.35 mg of thujon per kg of edible tissue, which compares favourably with the amount tolerated by the Council of Europe (25 mg/kg).
7. *Salviae folium* is a normal component of the feed of food producing animals in southern European countries.

Conclusions and recommendation

Having considered the criteria laid down by the Committee for the inclusion of substances in Annex II of Council Regulation (EEC) No. 2377/90 and in particular that:

- *Salviae folium* is a normal component of human food,
- *Salviae folium* is used infrequently and for treatment of individual animals;
- *Salviae folium* is a normal component of the feed of food producing animals;

The Committee considers that there is no need to establish maximum residue limits for *Salviae folium* and recommends the inclusion in Annex II to Council Regulation (EEC) No 2377/90 in accordance with the following table:

Pharmacologically active substance(s)	Animal species	Other provisions
<i>Salviae folium</i>	All food producing species	