Phytotitre Natural product extract library



092 Cornflower flowers (Centaurea cyanus) [Part used: Flower]

Description: An annual flowering plant in the family Asteraceae, native to Europe.

Rationale for Traditionally used to treat conjunctivitis.

inclusion:

Notes: Reported to induce apoptosis in a leukaemia cell line (Wegiera et al. Acta Pol

Pharm 2012;69:263-8).

093 Centaury (Centaurium erythraea) [Part used: Aerial parts]

Description: A species of flowering plant in the gentian family native to Europe.

Rationale for Traditionally used to treat gastric and liver diseases.

inclusion:

Notes: Contains ferulic acid, sinapic acid, brassicasterol and stigmasterol.

094 Hydrocotyle [Gotu Kola] (Centella asiatica) [Part used: Aerial parts]

Description: A small, herbaceous, annual plant native to wetlands in Asia.

Rationale for Traditionally used to treat minor wounds and improve immune function.

inclusion:

Notes: Contains large amounts of pentacyclic triterpenoids including asiaticoside,

brahmoside, asiatic acid, and brahmic (madecassic) acid.

095 Iceland Moss (Cetraria islandica) [Part used: Lichen]

Description: A lichen native to Iceland with the appearance of a moss.

Rationale for Traditionally used to treat chest conditions and as a laxative.

inclusion:

Notes: Contains lichenostearic acid, protolichesterinic acid and cetraric acid.

O96 Chicory Root (Cichorium intybus) [Part used: Root]

Description: A woody, perennial herbaceous plant native to Europe now cultivated widely for

salad leaves and the edible root.

Rationale for Traditionally used to treat intestinal parasites. Ingestion of chicory was also

inclusion: reported to reduce serum hemoglobin A1c levels in human volunteers (Nishimura

et al. J Tradit Complement Med. 2015;5:161-7).

Notes: Contains lactucin, lactucopicrin, aesculetin, aesculin, cichoriin, umbelliferone,

scopoletin and 6,7-dihydrocoumarin. Rich in the prebiotic carbohydrate inulin.

097 Princes Pine, pipsissiwa (Chimaphila umbellata) [Part used: Leaf]

Description: A small perennial flowering plant found in the temperate Northern Hemisphere.

Rationale for Traditionally used to treat rheumatism, kidney and bladder ailments.

inclusion:

Notes: It is used as a flavoring in candy and soft drinks, particularly root beer.

098 Sweet wormwood (Artemisia annua) [Part used: Stem]

Description: A common type of wormwood native to temperate Asia.

Rationale for Traditionally used to treat fever.

inclusion:

Notes: The plant extracts were discovered to have antimalarial activity in primate models

in the early 1970s. The active component, artemisinin, has become one of the font-

line anti-malarial drugs used today.

099 Chickpea (Cicer arietinum) [Part used: Seed]

Description: A legume of the family Fabaceae native to the Middle East.

Rationale for Traditionally used to provoke menstruation and to treat kidney stones.

inclusion:

Notes: Chickpea consumption may lower blood cholesterol (Pittaway et al. J Am Diet

Assoc 2008;108:1009-13).