



EXOCYAN® FRA STRAWBERRY ROOT PROCYANIDOLIC OLIGOMERS

FRAGARIA VESCA L.

DATA SHEET

DESIGNATION

Spraydried preparation of strawberry plant extracts, physico-chemical extraction followed by a fermentation allowing for a better solubilisation (approximately 99 %).
Catechical tannins in the form of active oligomers, pharmacological activity mainly focused from dimers to decamers.

COMPOSITION

MONOMERS:	1 to 5 %
DIMERS:	20 to 30 %
TRIMERS:	5 to 10 %
TETRAMERS:	20 to 25 %
PENTAMERS AND HEXAMERS:	15 to 20 %
HEPTAMERS TO DECAMERS:	20 to 30 %

DOSAGE ON SOLUBLE PACs

PURITY:	> 90 % on dry mat.
SOLUBILITY:	95 % ± 5 % in water.
ANTHOCYANIDINES	> 15 %
CATECHINES, EPICATECHINES	> 20 %
PROCYANIDINES B2	10 to 20 %
PROCYANIDINES B3	1 to 3 %
PROCYANIDINES B4	25 to 35 %

MICROBIOLOGY

TOTAL PLATE COUNT:	< 5000u/g
YEASTS/MOULDS:	< 200 u/g

PACKAGING

5 – 10 – 25 kg cardboard drums.

STORAGE

Hygroscopic product, store in a dry place.
Best used within: 24 months.

DIETETIC APPLICATIONS

- Strawberry rhizomes contain catechine oligomers, powerful vascular and angio-protectors also active vectors for vitamin C in order to fight against the degradation of collagen and of elastine (vitamin P action).
- PACs activities are anti-radical, angio-protective, bacteriostatic, anti-inflammatory, venous tonic, active vectors of vitamin C, for treatment of cellulite, oedemas and sports related cramps.

Analysed on HPLC Waters Alliance (SunFire Column). Updated November 2005
Typical analysis values. The certificate of analysis is the only legitimate document.