

CAROFORTE® BETA10%

Product code no: 4103515

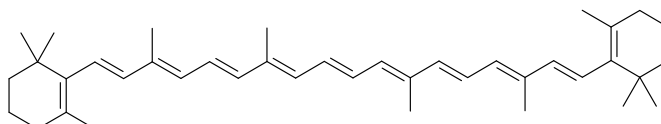
Information about active ingredient beta-carotene

Chemical name β,β -carotene; 1,18-(3,7,12,16-Tetramethyl-1,3,5,7,9,11,13,15,17-octadecanonaene-1,18-diyl)-bis-(2,6,6-trimethylcyclohexene)

EINECS No. 230-636-6

CAS No. 7235-40-7

Structural formula



Molecular mass 536.85 g/mol

Molecular formula $C_{40}H_{56}$

Purity min. 96 % (method: EP monograph 1069)

Legal status Feed additive acc. Regulation (EU) No. 2015/1103
Category 3: Nutritional additives
Functional group: Vitamins, pro-vitamins and chemically well-defined substances having similar effect
Identification no. 3a160(a)

Information about product CAROFORTE® BETA 10 %

Appearance red to red-brown free-flowing granulars

Description Beta-carotene finely dispersed in a matrix of gelatin and sugar, coated with corn starch, with anticaking. Ascorbyl palmitate and all-rac-alpha-tocopherol are added as antioxidants.

Content min. 10.0 %

Bulk density approx. 600 g/l

Loss on drying max. 8.0 %

Particle size min. 95 % through 20 mesh (US-standard sieve), average particle size diameter μm 435.0

Packaging and storage conditions

Packaging carton (25 kg net, primary packaging aluminum foil bag)

Storage keep container tightly closed, protect from light, heat and moisture.

Stability / Shelf life

The product can be kept for 36 months in the unopened, original packaging at room temperature. Once opened, use content soonest (best used up not more than one month).

Uses / Regulatory information

Feed additive preparation with the active ingredient beta-carotene for all animal species and categories according to Regulation (EU) No. 2015/1103. The product fulfils all legal requirements of Regulation (EC) No. 1831/2003 on feed additives for use in animal nutrition as well as of Regulation No. 2002/32/EC on undesirable substances in animal feed. The product does not contain TTPO. For handling of product resp. information on safety please see Material Safety Data Sheet.

Recommended dosages

Agricultural Livestock

Breeding sows

200 – 400 mg/animal/day from weaning until successful restocking

Breeding and sport horses

300 – 500 mg/animal/day for mares 4 weeks before birth until 10 weeks after

Rabbits

40 mg/kg complete feed

Calves

100 mg/kg in the milk replacer starter feed after the colostroal milk phase

Dairy cow

200 – 400 mg/animal/day during stable phase with low fresh fodder content

Pet animals

30 mg – 500 mg/kg complete feed

Legal notice

The information given herein is believed to be correct and is in accordance with our current state of knowledge. No warranty is made, either expressed or implied, regarding its accuracy or the results to be obtained from the use of such information. Information given does not relieve any user from own reliability for safe handling under his conditions of use and in accordance with all applicable laws and regulations in force.

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