



**Clove Bud CO2 Select Extract**  
INCI: Eugenia Caryophyllus Flower Extract  
CAS-No. 84961-50-2, EINECS-No. 284-638-7

**Technical Data Sheet**

**Description:** Clove bud CO2 Select Extract is extracted from clove flower buds using natural carbon dioxide as the solvent and contains mainly the volatile components. The resulting extract is clear yellow in color with a strong clove aroma.

**D/E Ratio:** 5.0 – 6.3 kg raw material yield 1 kg product.

**Ingredients:** 80 - 90 % essential oil with 56 - 70 % eugenol, 10 - 20 % caryophyllene, 10 - 23 % eugenyl acetate.

**Applications:** In food industry, in the confectionery, as flavor in spice mixtures, in the pharmacy as antiseptic, i.e. in tooth paste, and as an antioxidant because of the antioxidative effect of eugenol.

**Naturalness:** The product is 100% natural and contains no additives. It is not blended, diluted or formulated. It conforms to the Codex Alimentarius definition of natural flavor extracts.

**Stability:** Closed pack under cool storage and exclusion of light at least 5 years.

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