

IVIT ETHYL C

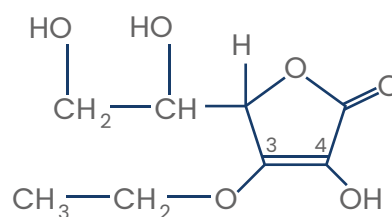
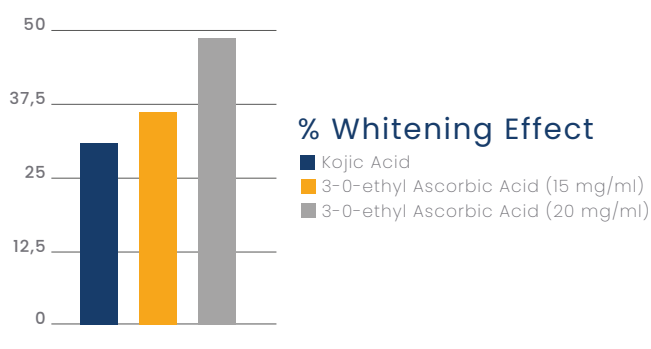
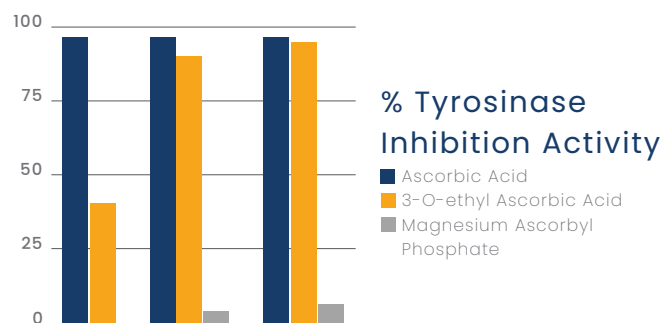
A stable, Vitamin C-Derived Agent for Skin Treatment

- ⊗ Powerful Antioxidant
- ⊗ Whitening agent
- ⊗ Global Anti-Aging

iVit® Ethyl C (3-O-ethyl ascorbic acid) is the most stable derivative of Ascorbic Acid (AA) known so far. As an ethyl ether derivative, Ethyl Ascorbic Acid (EAA) presents higher lipophilicity, increasing bioavailability and improving efficacy compared to free ascorbic acid.

In contrast to free AA, Ethyl Ascorbic Acid freely penetrates into skin, where it is further metabolized to Ascorbic Acid, ensuring a remarkable higher bioavailability and a consequent higher concentration in deeper skin target sites.

iVit® Ethyl C acid presents an outstanding stability in all kind of cosmetic formulations, without any color change at pH 3.0-6.0.



ALL THE POWER OF VITAMIN C WITH NO WEAKNESS

- Inhibits Tyrosinase activity, preventing melanin synthesis.
- Improves skin complexion and enhances its elasticity.
- Outstanding antioxidant performance.
- Accelerates and improves collagen production.
- Free radical scavenger. Protects skin from environmental and intrinsic stress factors.
- Reduces inflammation and inhibits the formation of edema.
- Excellent stability to light, heat, acid, alkali, salt and oxygen



Technical data

INCI (US)	Ethyl Ascorbic Acid
INCI (EU)	Ethyl Ascorbic Acid
Uses/Applications	<p>Whitening products: cream, lotion, gel, essence, mask, etc.</p> <p>Anti-wrinkle products: improve the synthesis of collagen</p> <p>Antioxidation products: eliminate free radical</p> <p>Anti-inflammation product: inhibit edema.</p>
Formulations Advices	<p>iVit® Ethyl C can easily be incorporated in cosmetic emulsion and other formulations. It is water soluble. The recommended pH range is 5.0 - 6.0. (Stable at 3,0 - 6,0).</p> <p>For better stability and to avoid pH-drift to acidic pH-values the use of 1 % citrate buffer is recommended.</p> <p>Skin care formulations.....0.1 - 10.0 % Skin whitening products.....0.5 - 20.0 % Cosmeceuticals5,0 - 25,0 %</p>
Regulatory Status	No specific regulation
Physico-Chemical Properties	<p>Aspect Powder</p> <p>pH (3%) 5.0-6.0</p> <p>Assay ≥ 98%</p>
Microbiological Data	<p>Total Plate Count < 100 / g</p> <p>Mould & Yeasts < 10 / g</p> <p>S. aureus Absence / g</p> <p>P. aeruginosa Absence / g</p> <p>C. Albicans Absence / g</p>
Additives	Preservatives: Non preservatives added
Shelf Life / Storage Conditions:	iVit® Ethyl C should be stored in a dry and light protected place at temperatures below 20°C. In closed containers at 20°C the shelf life is 2 years.
Packaging	5Kg - 20Kg

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