

## Natural Ferulic Acid

### Specification Sheet

**Description:** Ferulic acid is a naturally occurring antioxidant found in many plants and seeds. Natural ferulic acid is extracted and refined from the rice bran of sativa Linne (Gramineae). Chemical name: 4-hydroxy-3-methoxycinnamic acid. Purity: > 98%.

**CAS:** 1135-24-6

**INCI Name:** Ferulic acid

**Composition:** Ferulic acid

**Appearance:** White or light brownish-yellowish crystalline powder, characteristic odor

**Benefits:**

- Very powerful antioxidant and anti-aging agent
- Acts as a synergistic with other antioxidants especially vitamin C and E
- Can neutralize several damaging free radicals such as superoxide, hydroxyl radical and nitric oxide
- Prevents damage to skin cells caused by ultraviolet light
- Has anti-irritant properties
- May have some skin-whitening effects (inhibits production of melanin)

**Use:** Add to oil phase of emulsions or at the end of emulsion process. Suitable solvent: Ethoxydiglycol. Typical use level 0.1-2%. For external use only.

**Applications:** Anti-aging serums, face creams, lotions, eye creams, lip treatments, sunscreens, antiperspirants.

**Solubility:** Soluble in natural oils up to 0.2%, practically insoluble in water (0.78g/L)

**Preservation:** Preservative-free

**Storage:** Store light-protected at a cool and dry place

**Country of Origin:** Japan

**Raw material source:** Rice bran of sativa Linne (Gramineae)

**Manufacture:** Ferulic acid is extracted and refined from the rice bran of sativa Linne (Gramineae).



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**Animal Testing:** Not animal tested

**GMO:** GMO-free

**Vegan:** Does not contain animal-derived components

**HS Code:** 3304910000