



Ferulic acid 98 % (natural)

INCI Name:	Ferulic acid
CAS-No.:	1135-24-6
Molecular formula:	$C_{10}H_{10}O_4$
Molecular weight:	194.18
Synonym:	4-Hydroxy-3-methoxycinnamic acid
Application:	cosmetics
Packaging:	bags
Filling Quantity:	1 kg 20 kg special packaging upon request
Shelf life:	up to 2 years, not opened
Storage conditions:	dry and cool, avoid direct sunlight and heat



Product Specification

Ferulic acid 98 % (natural)

Test	Specification	Batch No. 2103308
Appearance	off white to light yellow powder	conform
Assay	> 98 % HPLC	98,32 %
Particle size	98 % pass 80mesh	conform
Loss on drying	< 2 %	0,68 %
Ash	< 1 %	0,54 %
Refractive Index (25 °C)	1,459 - 1,465	1,462
Heavy metal	< 10 mg/kg	conform
Mercury (Hg)	< 1 mg/kg	< 1 mg/kg
Arsenic (As)	< 2 mg/kg	< 2 mg/kg
Lead (Pb)	< 2 mg/kg	< 2 mg/kg
Total bacteria	< 1000 cfu/g	conform
Yeast	< 100 cfu/g	conform
Staphylococcus aureus	negative	negative
Salmonella	negative	negative
E.Coli	negative	negative

Applications

Used in skin whitening/anti-spot products, sunscreen products, anti-aging products and plant preservatives product, etc.

Recommend level: 0.1 – 3.0 %

Features and Benefits

1. Antioxidation, scavenging oxygen free radicals
2. Promote blood microcirculation
3. Whitening and foul-removing can antagonize ET-1, competitively inhibit the binding of ET-1 to its receptor, and inhibit the proliferation of melanocytes induced by ET-1
4. Bacteriostasis has a good inhibitory effect on Staphylococcus aureus, and it can be added to cosmetics to reduce the use of preservatives