

## Technical Data Sheet

### ZLEY®FA

#### Basic Information:

- INCI: FERULIC ACID
- CAS No.: 1135-24-6
- Main component: 3-(4-Hydroxy-3-methoxyphenyl)acrylic acid
- Suggested usage amount: 0.1-3.0%
- Recommended usage way: Dissolved in water or glycol

#### Product Description:

Ferulic acid is a new non-peptide endothelin antagonist with whitening effect. At the same time, it also has against free radical, antioxidant.

#### Technical Indicators:

Inspection Items	Technical Index
Appearance	White to light yellow crystalline powder
Melting Point	172.0~175.0℃
LOD	NMT 0.50%
ROI	NMT 0.10%
Heavy Metals	NMT 10ppm
unidentified Impurities	NMT 0.10%
Total Impurities	NMT 0.50%
Purity (HPLC)	NLT 99.0%

#### Product Usage:

Used in whitening and freckle removing, sunscreen, anti-aging and plant preservatives, etc..

#### Packaging and Storage:

- Packaging: Aluminum film bag (lined with polyethylene plastic bag); 1kg/bag.
- Storage: Please store it in a cool and dry place and the shelf life is 2 years.

#### Disposal:

Although this product has almost no pollution to the environment, it is best not to discard it together with domestic garbage. Please contact the local environmental protection department for dealing with the product and container and dispose according to the common chemical treatment method. Do not pour large quantities of products into the groundwater system.

#### Transport Conditions

Check whether the packaging container is complete and sealed, and keep it away from power supply, fire source and other parts during transportation. This product does not belong to hazardous goods or mixtures and can be transported according as general cargo.