

## Technical Data Sheet

### ZLEY®VCE

#### Basic Information:

- INCI: 3-O-ETHYL ASCORBIC ACID
- CAS: 86404-04-8
- Main Ingredient:

Components	Percentage (%)	CAS
3-O-Ethyl-L-ascorbic acid	100	86404-04-8

- Recommended dosage: 0.1-3.0%
- Recommended usage way: For non-emulsifying systems, add it directly below 45°C and stir to dissolve evenly; For emulsifying system, it should be pre-dissolved in cold water, and added below 45°C, then stir to dissolve evenly.

#### Product Description:

The main function of 3-O-Ethyl-L-ascorbic acid are brightening, anti-aging and wrinkle-removal, anti-oxidant, free radical removal and anti-inflammation.

#### Technical Indicators:

Items	Technical targets
Appearance	White to off-white crystalline powder
Water solubility (100g/L)	Colourless to yellowish transparent liquid
Water content	≤1.0%
pH	3.0~5.0
Melting point	111°C~116°C
Total bacterial count	< 100CFU/g
Heavy metals	< 10PPM
Arsenic	< 2PPM
Purity	≥99.0%

**Packaging and Storage:**

Store in a cool, dry and well-ventilated warehouse. Keep away from fire and heat source. The package must be sealed and protected from moisture. Should be separated from combustibles, acid and so on, do not mix and store. The storage area should be equipped with suitable materials to contain leaks. Check whether all labels are clear and leak-free in a certain time. Its shelf life is two 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.