

## PRODUCT DATA SHEET

**Trade Name:** ActiBiso™ UP

**INCI Name:** Undecylenoyl Phenylalanine

**CAS:** 175357-18-3

### Description

ActiBiso™ UP (Undecylenoyl Phenylalanine) is a relatively new whitening ingredient that controls the binding of  $\alpha$ -MSH (melanin cytosine hormone) to melanin production factor and blocks the process of melanin formation. According to the study, this component can block  $\alpha$ -MSH at 0.001%, if used at 1%. The results showed that melanin production was inhibited comprehensively from multiple links, and the effect was more obvious and lasting.

### Quality Parameters

Appearance	White powder
Assay %	98.0 min
Loss on drying %	1.0 max
Total nitrogen %	3.5 - 4.5
Free undecylenic acid %	2.0 max
Inorganic acid %	0.5 max
Sulfate ash %	1.0 max
Arsenic salt (ppm)	2.0 max
Heavy metals (ppm)	10.0 max
Total bacterial count (cfu/g)	500 max
Mold and yeast (cfu/g)	100 max



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### **Storing**

Store in a dry and cool place, sealed and valid for 2 years.

### **Package**

Packing 1kg/ bag, 25kg/ cardboard drum.