



**Shandong Tianyin Biotechnology Co., Ltd.**  
ADD:Sanying road, Technology Industrial Zone, Zibo, Shandong, China

## Specification for Natural Zeaxanthin

### Natural Zeaxanthin

Mol.Formula: **C<sub>40</sub>H<sub>56</sub>O<sub>2</sub>**  
Molecular Weight: 568.85  
CAS No. : 144-68-3  
Botanical name:Marigold Flower  
Part of plant used:Petal

### Specifications

Description 性状	Nacarat powder 桔红色粉末
Zeaxanthin content 玉米黄质 (HPLC)	≥5%
Loss on drying 干燥失重	≤5.0%
Density 密度	0.35-0.65g/ml
Particle size 目数	95% Pass40 Mesh
Lead (Pb)铅	≤1.0mg/kg
Arsenic (As) 砷	≤1.0mg/kg
Cadmium (Cr) 镉	≤1.0mg/kg
Mercury (Hg) 汞	≤0.1mg/kg
Total Plate Count 细菌总数	≤1000cfu/g
Yeasts and Moulds 霉菌酵母菌	≤100cfu/g
E.Coli 大肠杆菌	≤10cfu/g
Salmonella 沙门氏菌	Negative
Staphylococcus aureus 金黄色葡萄球菌	≤10cfu/g

### Shelf life

24 months after production date

### Storage recommendation

It should be stored in original unopened containers.Once opened,use quickly.Keep in shade and dry places.

### Package

1kg aluminium bag or according to the requirements.