



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

## Specification for Natural Zeaxanthin Powder

### Natural Zeaxanthin

Mol.Formula: **C<sub>40</sub>H<sub>56</sub>O<sub>2</sub>**  
Molecular Weight: 566.88  
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	≤6.0%
Density 密度	0.40-0.70g/ml
Particle size 目数	95% Pass80 Mesh
Ash 灰分	≤3.0%
N-hexane 正己烷	≤10mg/kg
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.**