



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

Specification for Natural Zeaxanthin Powder

Natural Zeaxanthin

Mol.Formula: **C₄₀H₅₆O₂**
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.