



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

## Specification for Lutein Ester CWS

### Lutein Ester CWS

Molecular Weight: 1145.71  
CAS No. : 547-17-1  
Botanical name:Marigold Flower  
Part of plant used:Petal

### Specifications

Description 性状	Orange beadlets 桔红色颗粒
Lutein Ester content 叶黄素酯 (UV)	5%
Loss on drying 干燥失重	≤5.0%
Density 密度	0.40-0.70g/ml
Particle size 目数	95% Pass 40 Mesh
Heavy metals 重金属	≤10.0mg/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/25g
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.**