

**PRODUCT NAME: MACELA**

**LATIN NAME: *Achyrocline satureioides* (Lam.)**

**FAMILY: Compositae**

**USED PART: Flowers**

### **SPECIFICATIONS**

**ASPECT: Flowers**

**COLOR: Yellowish**

**ODOR / TASTE: Characteristic**

**MOISTURE: NMT 12%**

**DRYING METHOD: Hot air drying at 60°C**

**STRANGE MATTERS: Absent**

**ORIGIN: Brazil**

### **MICROBIOLOGICAL PARAMETERS**

#### **WHO, 1998 SPECIFICATIONS**

**Total Plate Count**

**NMT 100.000 cfu/g**

**Yeast and Mold**

**NMT 1.000 cfu/g**

**Escherichia coli**

**NMT 10 cfu/g**

**Salmonella sp**

**ABSENT**

**Pseudomonas aeruginosa**

**ABSENT**

**Staphylococcus aureus**

**ABSENT**

**Enterobacteria**

**NMT 1.000 cfu/g**

### **PHYTOCHEMICAL IDENTIFICATION GROUPS**

**PHENOLS**

**FLAVONOIDS**

**ESTERS**

**ESSENTIAL OIL**

**VOLATILE ACIDS**

**AMINO GROUPS**

**MINERAL SALTS**

**RESINES**

**HEAVY METALS LIMITS: Less than 20 ppm**

**MATERIAL THAT WAS NOT SUBMITTED TO STERILIZATION SHOWS  
HIGHER MICROBIOLOGICAL VALUES.**