

The Quality Standards Of The Product

Algae Extract 10:1

No: 6010049002

Version: 02 Revision: 00

Used Part: Stem and Leaf

Solvents Used: Water & Ethanol

 Botanical Source: *Laminaria japonica* ArscCountry Of Origin: China

| ANALYSIS ITEM | SPECIFICATION | | METHOD |
|---|---------------------------------|----------------|------------------------|
| Extract Ratio | 10:1 | | |
| Appearance | Fine Powder | | Organoleptic |
| Color | Brown | | Organoleptic |
| Odor & taste | characteristic | | Organoleptic |
| Identification | Identical to <i>R.S.</i> sample | | HPTLC |
| Water(KF) | ≤5.0% | | Eur.Ph. <2.8.17> |
| Total ash | ≤10.0% | | Eur.Ph. <2.4.16> |
| Sieve analysis | 100% through 80 mesh | | Eur.Ph. <2.9.12> |
| Bulk density | 40~60g/100mL | | Eur.Ph. <2.9.34> |
| Tapped density | 60~90g/100mL | | Eur.Ph. <2.9.34> |
| Heavy metals: | | | |
| Lead(Pb) | ≤3.0 mg/kg | | Eur.Ph. <2.2.58>ICP-MS |
| Inorganic Arsenic(As) | ≤2.0 mg/kg | | Eur.Ph. <2.2.58>ICP-MS |
| Cadmium(Cd) | ≤1.0 mg/kg | | Eur.Ph. <2.2.58>ICP-MS |
| Mercury(Hg) | ≤0.1 mg/kg | | Eur.Ph. <2.2.58>ICP-MS |
| Residual solvents | Meet Eur.Ph. <2.4.24> | | Eur.Ph. <2.4.24> |
| Residual pesticides | Meet Eur.Ph. <2.8.13> | | Eur.Ph. <2.8.13> |
| Non irradiated | ≤700 | | EN <13751:2002> |
| Microbiology | Irradiation | Non irradiated | |
| Total Plate Count | ≤1000cfu/g | ≤10000cfu/g | Eur.Ph. <2.6.12> |
| Yeast & Mold | ≤100cfu/g | ≤1000cfu/g | Eur.Ph. <2.6.12> |
| E.Coli | Negative | Negative | Eur.Ph. <2.6.13> |
| Salmonella | Negative | Negative | Eur.Ph. <2.6.13> |
| Packing&Storage: | | | |
| Packed in paper-drums and two plastic-bags inside; | | | |
| N.W:25kgs, I.D.35×H51cm; | | | |
| Store in a well-closed container Away from moisture,light, ox | | | |
| Shelf life: | | | |
| 36 months under the conditions above and in its original pack | | | |