

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			