

Specification of FNI[®] Stinging Nettle Extract

Product Name: FNI[®] Stinging Nettle extract

Used Part: Roots

Product Content: 3,4-divanillyltetrahydrofuran 95%

Mesh Size: 80 mesh

Product Description: The raw material of FNI[®] Stinging Nettle root extract is obtained from the root and above ground parts of *Urtica Diodica* L. by a unique patent process including Ultrasonic reflux extraction, purification, nanofiltration, concentrate, spray-dry, sieving and package.

Sensory indicators

Item	Standard	Testing Method
Color	Brown-yellow	Visual
Appearance	Amorphous powder	Visual
Odor & Taste	Specific Taste and Odor	Taste
Impurity	No foreign impurities	Visual
Mesh Size	80 mesh	Analytical sieving

Physical & Chemical Characteristics

Item	Standard	Testing Method
3,4-divanillyltetrahydrofuran	≥95%	HPLC
Loss on Drying	NMT 5.0 %	USP <731>
Total Ash	NMT 5.0 %	USP <561>
Residual Solvent	NMT 5,000 ppm	USP <467>
Pesticide Residue	Meet the Requirements	USP <561>
Heavy Metals (as Pb)	NMT 10 ppm	USP <231>
Lead (Pb)	NMT 1 ppm	USP <233>
Arsenic (As)	NMT 1 ppm	USP <233>
Cadmium (Cd)	NMT 1 ppm	USP <233>
Mercury (Hg)	NMT 0.1 ppm	USP <233>

Microbiological Characteristics

Item	Standard	Testing Method
Total Plate Count	NMT 1,000 cfu/g	USP<61>
Total Yeast & Mold	NMT 100 cfu/g	USP<61>
<i>E. Coli</i>	Not Detected in(g) 10	USP<62>
<i>Salmonella</i>	Not Detected in(g) 25	USP<62>
<i>Staphylococcus</i>	Not Detected in(g) 10	USP<62>



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Packaging:

Pack in Metal-drums lined with aseptic bag inside. Net Weight: 2.5Kg/Bag, 25Kg/drum

Shipping:

Whole transportation of the products should be clean and pollution-free, be avoided from sunlight and rain, and not be mixed with toxic, harmful, odorous or items that affect product quality.

Storage:

Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat. Do not share storage with toxic, harmful, odorous, volatile and corrosive items.

Shelf life:

Avoid exposure to air and light. Recommended storing at 5-10°C, 24 month



R&D Center: Wuhan | Guangdong | Taiwan

Factory Addr: Boreal Biotechnology Industrial Park, Yongxing street, Songling district, DaHinhhan Ling