

Product Specification

Product name : **Diopower 15**

Wild Yam (*Dioscorea opposita*) extract powder

- Resource (Raw material) : Wild Yam (*Dioscorea opposita*)
- Carrier : Non
- Extract solvent : Water and Ethanol (with HCl and NaOH)
- Country of Origin : China
- Others : GMO free, Non-Irradiation

Item	Specification	Method
Property	White - Lemon yellow powders Scentless - Slightly peculiar smell	Sensuality examination
Dry weight loss	NMT 15%	Dry weight loss test method
Ash residue	NMT 5%	Ignition residue test method
Mesh size	80 Mesh 99% pass	JIS
Diosgenin	NLT 15%	HPLC
Heavy metals (as Pb)	NMT 20ppm	Colorimetric method with Na ₂ SO ₄
Lead	NMT 5ppm	ICP-MS
Arsenic	NMT 2ppm	ICP-MS
Cadmium	NMT 0.5ppm	ICP-MS
Mercury	NMT 0.5ppm	ICP-MS
Total Plate Count	NMT 3000CFU/g	Standard agar medium method
Yeast & Mold	NMT 300CFU/g	Potato dextrose agar medium method
Coliforms	Negative	LB-BGLB method
Salmonella	Negative	Standard agar medium method

Standard Packaging: 1kg aluminum bag, 25kgs fiber drum

Storage : Room Temperature, away from exposure to sunlight and moisture.

Shelf life : 2 years from manufacturing date

Issue date : December 06, 2017 Issue by : Yuji Kuriyama, COO