

Certificate of Analysis

Product Name: Wild Yam Extract			
Botanical Source: <i>Dioscorea opposita</i>		Plant Part: Root	
Solvent Used: Water & Ethanol		Country of Origin: China	
Batch No: xxxxxxxx		Production Date: xxxxxxxx	
Batch Quantity: 500kg		Expiry Date: xxxxxxxx	
Items	Specifications	Results	Methods
Appearance	Off-White to White Fine Powder	Complies	Visual
Odor & Taste	Characteristic	Complies	Organoleptic
Particle Size	95% Pass 80 Mesh	Complies	CP
Identification	Correspond to standard	Complies	TLC
Diosgenin	≥ 16%	16.12%	HPLC
Loss on Drying	≤ 5.0 %	4.30 %	USP
Total Ash	≤ 5.0%	3.71%	USP
Pesticide Residues	Meet the EC requirements	Complies	EP
Residual Solvent	Meet the EP requirements	Complies	EP
Heavy Metal Analysis			
Heavy Metals	≤ 10 ppm	Complies	EP
Arsenic	≤ 2.0 ppm	Complies	EP
Lead	≤ 3.0 ppm	Complies	EP
Mercury	≤ 0.1 ppm	Complies	EP
Cadmium	≤ 1.0 ppm	Complies	EP
Microbial Analysis			
Total Plate Count	≤ 10,000 cfu/g	Complies	EP
Yeast and Mold	≤ 1,000 cfu/g	Complies	EP
Escherichia Coli	Negative	Complies	EP
Salmonella	Negative	Complies	EP
Staphylococcus	Negative	Complies	EP
Package & Storage			
Package	25kg/drum	Shelf Life	2 Years
Storage	Avoid exposure to direct sunlight, moisture and excessive heat.		
Remarks	Allergen Free Non-GMO BSE/TSE Free		

Tested by: *Tracy Cui*

Approved by: *Jack Jia*