



Trafa Pharmaceutical Inc.

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SPECIFICATION SHEET

Mucuna Pruriens Extract L-dopa 98% HPLC

Batch Quantity	500KG	Country of Origin	China
Appearance	White Fine Powder	Kosher Halal	Yes No
Sterilization Method	Heat NON-IRR		

ITEMS	SPECIFICATION	METHOD
Content	L-dopa ≥ 98%	HPLC USP <621>
Identification	Correspond to standard	TLC USP <201>
PHYSICAL CHARACTERISTICS		
Particle Size	NLT 95% Through 80 mesh	Analytical sieving USP <786>
Loss on Drying	NMT 1.00%	USP <731>
Total Ash	NMT 0.50%	USP <561>
Related substances	≤ 0.5%	UPS
PH	4.5-7.0	UPS
Absorbance	137°-147°	UPS
Optical rotation	-1.27° ~ -1.34°	UPS
Bulk Density	Between 40-60g/100ml	USP <616> Method I
CHEMICAL CHARACTERISTICS		
Residual Solvent	NMT 5000ppm	GC USP <467>
Pesticide Residue	Meet the requirements	GC USP <561>
Heavy Metals(as Pb)	NMT 10ppm	USP <231> Method II
Arsenic (As)	NMT 2ppm	ICP-MS
Lead (Pb)	NMT 2ppm	ICP-MS
Cadmium(Cd)	NMT 1ppm	ICP-MS
Mercury(Hg)	NMT 1ppm	ICP-MS
MICROBIOLOGICAL CHARACTERISTICS		
Total Plate Count	NMT 10000cfu/g	USP <61>
Total Yeast & Mold	NMT 1000cfu/g	USP <61>
E.Coli	Not Detected in(g) 10	USP <61>
Salmonella	Not Detected in(g) 25	USP <61>
Staphylococcus	Not Detected in(g) 10	USP <61>

Packing and Storage Polyethylene bag with cardboard drum. 25kg net.
Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Note: The above information is based on the certificate of analysis received from the manufacturer of this product and not intended as a substitute for strict quality control analysis by the purchaser of this product.

Reviewed by: _____

Abdullah Malik (QA)