



Address: East of Tianmu Road, Laiyang Development
Zone, Yantai City, Shandong Province, 265200, China

Specification

Product Name:	Wheat Germ Extract	Country of Origin:	China
Latin Name:	<i>Triticum aestivum</i>	Active Ingredient:	Spermidine
CAS Number:	124-20-9	Molecular Weight:	145.25

Assay	Specification	Test Method
Spermidine (on dried base)	≥0.1%	GC

Physical Control		
Appearance	Fine powder	Visual
Color	Yellow to brown	Visual
Odor & Taste	Characteristic	Organoleptic
Particle Size	100% pass 40 mesh	USP<786>
Loss on drying:	7.0% Max	USP<731>
Ash	5.0% Max	USP<281>
Chemical Control		
Heavy Metals	≤10ppm	Atomic Absorption
Arsenic (As)	≤2.0ppm	Atomic Absorption
Cadmium (Cd)	≤1.0ppm	Atomic Absorption
Lead (Pb)	≤2.0ppm	Atomic Absorption
Mercury (Hg)	≤0.1ppm	Atomic Absorption
Solvents Residue	Meeting USP Standard	Gas Chromatography
Microbiological Control		
Total Plate Count	≤10,000cfu/g	AOAC
Yeast & Mold	≤100cfu/g	AOAC
E. coli	Negative/10g	AOAC
Salmonella	Negative/25g	AOAC
Staph Aureus	Negative/10g	AOAC

Packing and Storage	
Packing	Pack in paper-drums and two plastic bags inside. Net weight: 25kg/drum
Storage	Stored in cool and dry places. Keep away from strong light and heat.
Shelf Life	2 years when properly stored.