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Certificate of Analysis

Product and Batch Information			
Product Name:	Wheat Germ Extract Powder	**Country of Origin:**	P.R. China
Botanic Name:	***Triticum aestivum L***	**Active Ingredient:**	Spermidine
Batch:	CS-WGE-250220	**Manufacture Date:**	Feb. 20, 2025.
Analysis Date:	Feb. 22, 2025.	**Expiry Date:**	Feb. 19, 2027.

Item	Specification	Result	Test Method
Active Ingredients			
Extract Ratio	250-300:1	Complies	/
Assay(%,On Dried Base)	NLT1.0%	1.05%	HPLC
Physical Control			
Appearance	Fine powder	Complies	Visual
Color	Light Yellow to Yellow	Complies	Visual
Odor&Taste	Characteristic	Complies	Organoleptic
Sieve Analysis	100% pass 40 mesh	Complies	40Mesh Screen
Loss on Drying	7.0% Max	3.61%	CPh
Ash	5.0% Max	2.90%	CPh
Chemical Control			
Heavy Metals	NMT 5ppm	Conforms	ICP-MS
Arsenic (As)	NMT 1.0ppm	Conforms	ICP-MS
Mercury(Hg)	NMT 0.1ppm	Conforms	ICP-MS
Lead (Pb)	NMT 0.5ppm	Conforms	ICP-MS
Cadmium(Cd)	NMT 1.0ppm	Conforms	ICP-MS
GMO Status	GMO Free	Conforms	/
Microbiological Control			
Total Plate Count	10000cfu/g Max	Conforms	AOAC
Yeast & Mold	1000cfu/g Max	Conforms	AOAC
E.Coli	Negative	Negative	AOAC
Salmonella	Negative	Negative	AOAC
Staph Aureus	Negative	Negative	AOAC
Pathogenic bacteria	Negative	Negative	USP
Packing and Storage			
Packing	Pack in paper-drums and two plastic-bags inside.25Kg/Drum.		
Storage	Store in a well-closed container away from moisture and direct sunlight.		
Shelf Life	2 years if sealed and stored properly.		

Checked by: Shaoxuan Gui Tested by:Zitong Liu Approved by: Gang Gao

XI'AN ORIGINBIO TECHNOLOGY CO., LTD INSPECTION