



Certificate of Analysis

Product and Batch Information			
Product Name:	Wheat Germ Extract	Country of Origin:	P.R. China
Botanic Name:	<i>Triticum aestivum</i>	Active Ingredient:	Spermidine
Manufacture Date:	Jun. 10, 2021.	Batch:	CS-WGE-210610
Country of Origin:	P.R. China	Expiry Date:	Jun. 09, 2023.
Item	Specification	Result	Test Method
Assay(% ,On Dried Base)			
Spermidine	NLT1.0%	1.12%	GC
Physical Control			
Appearance	Fine Powder	Complies	Visual
Color	Light Yellow to Yellow	Complies	Visual
Odor	Characteristic	Complies	Organoleptic
Taste	Characteristic	Complies	Organoleptic
Particle Size	100% pass 40 mesh	Complies	40 Mesh Screen
Loss on Drying	7% Max	5.10%	Cph
Residue on Ignition	5% Max	2.05%	Cph
Chemical Control			
Total Heavy Metals	≤10ppm	Complies	Atomic Absorption
Arsenic (As)	≤1ppm	Complies	Atomic Absorption
Mercury(Hg)	≤1ppm	Complies	Atomic Absorption
Lead (Pb)	≤0.5ppm	Complies	Atomic Absorption
GMO Status	Free	Complies	/
BSE-TSE Status	Free	Complies	/
Allergens	Free	Complies	/
Microbiological Control			
Total Plate Count	10,000cfu/g Max	<1000cfu/g	AOAC
Yeast & Mold	100cfu/g Max	<100cfu/g	AOAC
E.Coli	Negative/g	Complies	AOAC
Salmonella	Negative/25g	Complies	AOAC
Staphylococcus	Negative/10g	Complies	USP
Packing and Storage			
Packing	Pack in Drums with Plastic bag 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.		

