



We Bring Natural Ingredient From Nature

Shaanxi Guanjie Technology Co., Ltd.

## Certificate of Analysis

<b>Product Name</b>	Wheat Germ Extract	<b>Manufacture Date</b>	Jan. 11th, 2023
<b>Batch No.</b>	WG230111	<b>Certificate Date</b>	Jan. 15th, 2023
<b>Batch Quantity</b>	481kgs	<b>Expiration Date</b>	Jan. 10th, 2025
<b>Storage Condition</b>	Store in cool & dry place, Keep away from strong light and heat.		

Item	Specification	Result	Method
<b>Basic Product Information</b>			
Genus and Species	<i>Triticum aestivum</i>	Conform	/
Part of the Plant	Germ	Conform	/
Country of Origin	China	Conform	/
<b>Marker Compounds</b>			
Spermidine(on dried base)	≥1.0%	1.05%	GC
Ratio of Extraction	50:1	Conform	/
<b>Organoleptic Data</b>			
Appearance	Fine Powder	Conform	GJ-QCS-1008
Color	Light Yellow to Yellow	Conform	GB/T 5492-2008
Odor	Characteristic	Conform	GB/T 5492-2008
Taste	Characteristic	Conform	GB/T 5492-2008
<b>Physical Characteristics</b>			
Particle Size (80 mesh)	100% pass 40 mesh	Conform	Ch.P2015 IV: 0982
Loss on drying	≤7.0%	2.95%	GB 5009.3-2016
Ash Content	≤5.0%	2.12%	GB 5009.4-2016
Solvent Residue	Meet USP Standard	Conform	GB 5009.262—2016
<b>Heavy Metals</b>			
Total Heavy Metals	<10ppm	Conform	GB 5009.74-2014
As	≤2.0ppm	Conform	GB/T 5009.11-2014
Pb	≤2.0ppm	Conform	GB 5009.12-2017
Cd	≤1.0ppm	Conform	GB 5009.15-2014
Hg	≤0.1ppm	Conform	GB/T 5009.17-2014
<b>Microbiology</b>			
Total Plate Count	≤10,000cfu/g	Conform	GB 4789.2—2016
Total Yeast & Mold	≤300cfu/g	Conform	GB 4789.15—2016
E. Coli	Negative	Negative	GB 4789.38-2012
Salmonella	Negative	Negative	GB 4789.31-2016

**Conclusion: Conforms with specification, Non-GMO, Allergen Free, BSE/TSE Free**

Tested by: Liu gang

Date: 2023.01.15

Approved by: Susan Sun, Ph.D

Date: 2023.01.15

