

## CERTIFICATE OF ANALYSIS

<b>Product Name:</b>	Wheat Germ Extract	<b>Batch Number:</b>	FH20230923
<b>Botanical Source:</b>	<i>Triticum aestivum</i>	<b>Manufacture Date:</b>	Sep.23,2023
<b>Plant Part Used:</b>	Germ	<b>Analysis Date:</b>	Sep.26,2023
<b>Quantity:</b>	800kgs	<b>Expiration Date:</b>	Sep.22,2025

ITEM	STANDARD	TEST RESULT	TEST METHOD
Spermidine	≥1.0%	1.06%	GC
<b>Physical &amp; Chemical</b>			
Appearance	Light Yellow Fine Powder	Complies	Visual
Odor & Taste	Characteristic	Complies	Organoleptic
Particle Size	100% pass 40 mesh	Complies	USP<786>
Loss on Drying	≤7.0%	4.32%	USP<731>
Ash	≤5.0%	2.54%	USP<281>
Solvent Residues	Meet USP Standard	Complies	USP<467>
<b>Heavy Metal</b>			
As	≤1.0ppm	<1.0ppm	ICP-MS
Pb	≤1.0ppm	<1.0ppm	ICP-MS
Cd	≤1.0ppm	<1.0ppm	ICP-MS
Hg	≤1.0ppm	<1.0ppm	ICP-MS
<b>Microbiological Test</b>			
Total Plate Count	≤10,000cfu/g	Complies	AOAC
Yeast & Mold	≤300cfu/g	Complies	AOAC
E.Coli	Negative	Negative	AOAC
Salmonella	Negative	Negative	AOAC
<b>Conclusion</b>	Conforms with specification, Non-GMO, Allergen Free, BSE/TSE Free		
<b>Storage</b>	Stored in cool and dry places. Keep away from strong light and heat		
<b>Packing</b>	By 25kgs/Drum, inner by plastic bag		
<b>Shelf Life</b>	24 months under the above condition in original packaging		

Please be advised that this Certificate of Analysis has been generated by Apex and has not undergone independent verification or laboratory testing by a third party. The information provided herein is based on internal assessments and procedures. While every effort has been made to ensure accuracy and reliability, it is recommended to exercise due diligence and consider additional verification measures if required for specific applications or regulatory compliance. Apex assumes no liability for any discrepancies or inaccuracies that may arise from the absence of external validation.

