



## Certificate of Analysis

<b>Product Name</b>	Flax Seed Extract	<b>Manufacture Date</b>	2022/09/19
<b>Latin Name</b>	Flax Lignans	<b>Report Date</b>	2022/09/24
<b>Batch Quantity</b>	1000Kg	<b>Sampling Date</b>	2022/09/19
<b>Batch Number</b>	MS220919	<b>Expiration Date</b>	2025/09/18
<b>Item</b>			
<b>Specification</b>	<b>Results</b>	<b>Methods</b>	
Extract Ratio	10:1	Conform	TLC
Appearance & Color	Yellow Brown	Conform	GB5492-85
Odor & Taste	Characteristic	Conform	GB5492-85
Plant Part Used	Seed	Conform	
Extract Solvent	Water	Conform	
Bulk Density	0.4-0.6g/ml	0.50g/ml	
Mesh Size	80	100%	GB5507-85
Loss on Drying	≤5.0%	3.01%	GB5009.3
Ash Content	≤5.0%	3.22%	GB5009.4
Solvent Residue	Negative	Conform	GC
<b>Heavy Metals</b>			
Total Heavy Metals	≤10ppm	3ppm	AAS
Arsenic (As)	≤1.0ppm	0.15ppm	AAS(GB/T5009.11)
Lead (Pb)	≤1.5ppm	0.7ppm	AAS(GB5009.12)
Cadmium	<1mg/kg	Not Detected	AAS(GB/T5009.15)
Mercury	≤0.3ppm	Not Detected	AAS(GB/T5009.17)
<b>Microbiology</b>			
Total Plate Count	≤5000cfu/g	<1000	GB4789.2
Total Yeast & Mold	≤300cfu/g	<10	GB4789.15
E. Coli	≤40MPN/100g	Not Detected	GB/T4789.3-2003
Salmonella	Negative in 25g	Not Detected	GB4789.4
Staphylococcus	Negative in 10g	Not Detected	GB4789.1
Packing and Storage	25kg/drum Inside: Double-deck plastic bag, outside: Neutral cardboard barrel & Leave in the shady and cool dry place		
Shelf Life	3 Year When Stored properly		
Expiration Date	3 Year		