



# Xi'an Green Spring Technology Co.,Ltd

## Certificate of Analysis

<b>Product Name</b>	Nattokinase		
<b>Botanical Name</b>	<i>Bacillus subtilis natto</i>		
<b>Used part</b>	Seeds		
<b>Batch Number</b>	20231125	<b>Manufacture Date</b>	20231124
<b>Report Date</b>	20231125	<b>Expiry Date</b>	20251124
<b>Item of Analysis</b>	<b>Specification</b>	<b>Results</b>	<b>Test Methods</b>
Assay (NattoKinasc)	NLT2000FU/G	2090FU/G	UV
<b>Organoleptic</b>			
Appearance	Powder	Conforms	NLS-QCS- 1008
Source	Natto (Femented soybeans)	Conforms	/
Color	Yellow white-off white	Conforms	GB/T 5492-2008
Odor	Characteristic	Conforms	GB/T 5492-2008
Taste	Characteristic	Conforms	GB/T 5492-2008
<b>Physical Characteristics</b>			
Particle Size	100% pass 80 mesh	80MESH	GB/T 5507-2008
Loss on drying	7%NMT (%)	5.59%	GB/T 14769- 1993
Total ash	5%NMT (%)	3.10%	AOAC 942.05, 18th
Bulk Density	45-60g/ 100mL	49g/100mL	CP201OIA
Vitamin K2	<10ppm	Conforms	/
Purine	Negative	Conforms	/
Soy Isoflavone	Negative	Conforms	/
Residue of Solvents	None	Conforms	NLS-QCS- 1007
<b>Heavy metals</b>			
Total Heavy Metal	10ppm Max	Conforms	USP<231>, method II
Lead (Pb)	1 ppm NMT	Conforms	AOAC 986. 15, 18th
Arsenic (As)	1ppm NMT	Conforms	AOAC 986. 15, 18th
Cadmium (Cd)	1ppm NMT	Conforms	AOAC 986. 15,18th
Mercury (Hg)	0.1ppm NMT	Conforms	AOAC 971.21, 18th
<b>Microbiological Tests</b>			
Total Plate Count	1000cfu/g Max	Conforms	AOAC 990. 12, 18th
Yeast & Mold	100cfu/g Max	Conform	Chapter 18, 8th Ed.
E. Coli.	Negative	Conform	AOAC 997. 11, 18th
Salmonella	Negative	Conform	Chapter 5, 8th Ed.
Staphylococcus	Negative	Conform	Chapter 5, 8th Ed.
<b>Storage: Store in light, light-resistant containers, avoid exposure to direct sunlight, moisture and heat.</b>			
<b>Shelf Life: 24 months if under the condition above and stay in its original packing.</b>			

Quality Assurance: Liang Yan

