



We Bring Natural Ingredient From Nature

**Xi'an Guanyu Bio-technology Co., Ltd**  
**Shaanxi Guanjie Bio-technology Co., Ltd(factory)**

**Certificate of Analysis**

<b>Product Name</b>	L-Glycine	<b>Manufacture Date</b>	Sep.24, 2022
<b>Batch No.</b>	LG220924	<b>Certificate Date</b>	Sep. 26, 2022
<b>Batch Quantity</b>	310kg	<b>Expiration Date</b>	Sep. 23, 2024
<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>			
Country of Origin	China	Conform	/
<b>Marker Compounds</b>			
Assay(L-Theanine)	99%	99.2%	
<b>Organoleptic Data</b>			
Appearance	Powder	Conform	NLS-QCS-1008
Color	White	Conform	GB/T 5492-2008
Odor	Characteristic	Conform	GB/T 5492-2008
Taste	Characteristic	Conform	GB/T 5492-2008
<b>Process Data</b>			
Method of Processing	Synthesize	Conform	/
Drying Method	Vacuum drying	Conform	/
<b>Physical Characteristics</b>			
Particle Size (80 mesh)	98.0%pass 80mesh	Conform	GB/T 5507-2008
Moisture	<2%	0.65%	GB/T 14769-1993
Ash Content	<2%	0.78%	AOAC 942.05, 18th
Loss on drying	<0.5%	Conform	AOAC 951.06, 14th
Melting point	174~175 °C	175 °C	GB/T 5492-2008
<b>Heavy Metals</b>			
Total Heavy Metals	<5.0 ppm	Conform	USP <231>, method II
Arsenic	<1.0 ppm	Conform	AOAC 986.15, 18th
Lead	<1.0 ppm	Conform	AOAC 986.15, 18th
Mercury	<0.5 ppm	Conform	AOAC 971.21, 18th
Chloride	<0.03 ppm	Conform	AOAC 972.19, 18th
<b>Microbiology</b>			
Total Plate Count	<1000cfu/g	324cfu/g	AOAC 990.12, 18th
Total Yeast & Mold	<10cfu/g	20cfu/g	FDA (BAM) Chapter 18, 8th Ed.
E. Coli	Negative	Negative	AOAC 997.11, 18th
Salmonella	Negative	Negative	FDA (BAM) Chapter 5, 8th Ed.

Conclusion: Complies with specification

Tested by: Lu gang

Approved by: Guan Sun, Ph.D.

Date: 2022.09.26

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