



KINTAI
金泰生物

西安金泰生物技术有限公司
Xi'an Kintai Biotech, Inc.

Certificate of Analysis

Product Name	Gypenoenoylum extract	Part used	Whole herb
Lot No.	KT20231020	Batch Quantity	200kg
Manufacture Date	2023/10/20	Expiry Date	2025/10/20
Extraction Solvent	Water/Ethyl alcohol	Country of origin	P.R.China
Non-Irradiated / Non-ETO/ Treat by Heat Only / Non-GMO			

Analysis Items	Specifications	Results	Test Method
Assay (Gypenosides)	≥40.0%	40.2%	UV
Physical and chemical properties			
Appearance	Brown powder	Conforms	Visual
Odour	Slight, Specific	Conforms	Organoleptic
Solubility	Soluble in water		
Particle Size	≥98% Through 80 mesh	Conforms	Ch.P.C.Rule47
Loss on drying	≤5.0%	0.36%	Ch.P.C.Rule52
Heavy Metals	≤10.0mg/kg	Conforms	Atomic Absorption
Cadmium(Cd)	≤1mg/kg	Conforms	Atomic Absorption
Mercury(Hg)	≤0.1mg/kg	Conforms	Atomic Absorption
Arsenic(As)	≤1mg/kg	Conforms	Atomic Absorption
Lead(Pb)	≤3mg/kg	Conforms	Atomic Absorption
Residual Solvents			
- Ethanol	≤5000 PPM	Conforms	Gas Chromatography
Microbiological Quality (Total viable aerobic count)			
Total Plate Count,cfu/g	≤1000 CFU/g	Conforms	Ch.P.C.Rule80
Mold and yeast Count,cfu/g	≤100 CFU/g	Conforms	Ch.P.C.Rule80
E. coli	Negative	Conforms	Ch.P.C.Rule80
Salmonella	Negative	Conforms	Ch.P.C.Rule80
Staphylococcus aureus	Negative	Conforms	Ch.P.C.Rule80
*Storage Condition: Store in tightly closed plastic bag and keep in a cool dry place. Do not freeze. Keep always from strong direct light.			
*Safety Precaution: Wearing of protective goggles or safety glasses is recommended.If accidentally instilled into the eyes,immediately rinse thoroughly with water and get medical care. Wash skin with soap and water upon contact.			
Conclusion	Confirm to Specification and Standards.		

Analyst: Zou Yuchi

Checker: Wang Pan

Q.C.: Andy Chen



Factory Address: East 16-3-1, Zhongnan High-tech Airport Industrial Park, Airport New City, Xixian New Area, Shaanxi, China.

Tel: +86-29-8525 4454

Cell phone: +86-133 4743 6038

Email: cheney@kintaibio.com

Web: www.kintaibio.com



Certificate of Analysis

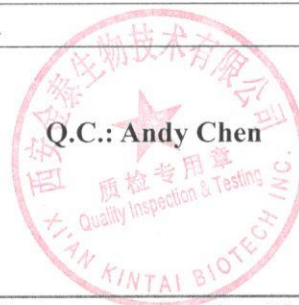
Product Name	Gypenoenoylum extract	Part used	Whole herb
Lot No.	KT20231210	Batch Quantity	200kg
Manufacture Date	2023/12/10	Expiry Date	2025/12/10
Extraction Solvent	Water/Ethyl alcohol	Country of origin	P.R.China
Non-Irradiated / Non-ETO/ Treat by Heat Only / Non-GMO			

Analysis Items	Specifications	Results	Test Method
Assay (Gypenosides)	≥80.0%	80.5%	UV
Physical and chemical properties			
Appearance	Brown yellow powder	Conforms	Visual
Odour	Slight, Specific	Conforms	Organoleptic
Solubility	Soluble in water		
Particle Size	≥98% Through 80 mesh	Conforms	Ch.P.C.Rule47
Loss on drying	≤5.0%	0.32%	Ch.P.C.Rule52
Heavy Metals	≤10.0mg/kg	Conforms	Atomic Absorption
Cadmium(Cd)	≤1mg/kg	Conforms	Atomic Absorption
Mercury(Hg)	≤0.1mg/kg	Conforms	Atomic Absorption
Arsenic(As)	≤1mg/kg	Conforms	Atomic Absorption
Lead(Pb)	≤3mg/kg	Conforms	Atomic Absorption
Residual Solvents			
- Ethanol	≤5000 PPM	Conforms	Gas Chromatography
Microbiological Quality (Total viable aerobic count)			
Total Plate Count,cfu/g	≤1000 CFU/g	Conforms	Ch.P.C.Rule80
Mold and yeast Count,cfu/g	≤100 CFU/g	Conforms	Ch.P.C.Rule80
E. coli	Negative	Conforms	Ch.P.C.Rule80
Salmonella	Negative	Conforms	Ch.P.C.Rule80
Staphylococcus aureus	Negative	Conforms	Ch.P.C.Rule80
*Storage Condition: Store in tightly closed plastic bag and keep in a cool dry place. Do not freeze. Keep always from strong direct light.			
*Safety Precaution: Wearing of protective goggles or safety glasses is recommended.If accidentally instilled into the eyes,immediately rinse thoroughly with water and get medical care. Wash skin with soap and water upon contact.			
Conclusion	Confirm to Specification and Standards.		

Analyst: Zou Yuchi

Checker: Wang Pan

Q.C.: Andy Chen



Factory Address: East 16-3-1, Zhongnan High-tech Airport Industrial Park, Airport New City, Xixian New Area, Shaanxi, China.

Tel: +86-29-8525 4454

Cell phone: +86-133 4743 6038

Email: cheney@kintaibio.com

Web: www.kintaibio.com



KINTAI
金泰生物

西安金泰生物技术有限公司
Xi'an Kintai Biotech, Inc.

Certificate of Analysis

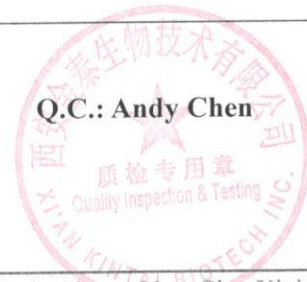
Product Name	Gypenoenoylum extract	Part used	Whole herb
Lot No.	KT20231005	Batch Quantity	200kg
Manufacture Date	2023/10/05	Expiry Date	2025/10/05
Extraction Solvent	Water/Ethyl alcohol	Country of origin	P.R.China
Non-Irradiated / Non-ETO/ Treat by Heat Only / Non-GMO			

Analysis Items	Specifications	Results	Test Method
Assay (Gypenosides)	≥98.0%	98.5%	UV
Physical and chemical properties			
Appearance	Light yellow powder	Conforms	Visual
Odour	Slight, Specific	Conforms	Organoleptic
Solubility	Soluble in water		
Particle Size	≥98% Through 80 mesh	Conforms	Ch.P.C.Rule47
Loss on drying	≤5.0%	0.42%	Ch.P.C.Rule52
Heavy Metals	≤10.0mg/kg	Conforms	Atomic Absorption
Cadmium(Cd)	≤1mg/kg	Conforms	Atomic Absorption
Mercury(Hg)	≤0.1mg/kg	Conforms	Atomic Absorption
Arsenic(As)	≤1mg/kg	Conforms	Atomic Absorption
Lead(Pb)	≤3mg/kg	Conforms	Atomic Absorption
Residual Solvents			
- Ethanol	≤5000 PPM	Conforms	Gas Chromatography
Microbiological Quality (Total viable aerobic count)			
Total Plate Count,cfu/g	≤1000 CFU/g	Conforms	Ch.P.C.Rule80
Mold and yeast Count,cfu/g	≤100 CFU/g	Conforms	Ch.P.C.Rule80
E. coli	Negative	Conforms	Ch.P.C.Rule80
Salmonella	Negative	Conforms	Ch.P.C.Rule80
Staphylococcus aureus	Negative	Conforms	Ch.P.C.Rule80
*Storage Condition: Store in tightly closed plastic bag and keep in a cool dry place. Do not freeze. Keep always from strong direct light.			
*Safety Precaution: Wearing of protective goggles or safety glasses is recommended.If accidentally instilled into the eyes,immediately rinse thoroughly with water and get medical care. Wash skin with soap and water upon contact.			
Conclusion	Confirm to Specification and Standards.		

Analyst: Zou Yuchi

Checker: Wang Pan

Q.C.: Andy Chen



Factory Address: East 16-3-1, Zhongnan High-tech Airport Industrial Park, Airport New City, Xixian New Area, Shaanxi, China.

Tel: +86-29-8525 4454

Email: cheney@kintaibio.com

Web: www.kintaibio.com

Cell phone: +86-133 4743 6038