



Certificate of Analysis

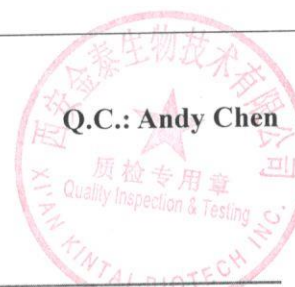
Product Name	Ashwagandha Extract	Latin name	Withania Somnifera
Lot No.	KT20230912	Batch Quantity	50kg
Mfg Date	2023/09/12	Expiry Date	2025/09/12
Extraction Solvent	Water/Ethyl alcohol	Country of origin	P.R.China
Non-Irradiated / Non-ETO/ Treat by Heat Only / Non-GMO			

Analysis Items	Specifications	Results	Test Method
Assay (Total Withanolides)	≥5.0%	5.19%	UV
Identification	Positive	Complied	TLC
Physical and chemical properties			
Appearance	Fine Powder	Complies	Visual
Color	Brown	Conforms	Organoleptic
Odor&Taste	Characteristic	Conforms	Organoleptic
Particle Size	≥95% Through 40 mesh	Conforms	Ch.P.C.Rule47
Loss on drying	≤5.0%	2.08%	Ch.P.C.Rule52
Heavy Metals	≤10.0ppm	Conforms	Atomic Absorption
Cadmium(Cd)	≤0.1ppm	Conforms	Atomic Absorption
Mercury(Hg)	≤0.1ppm	Conforms	Atomic Absorption
Arsenic(As)	≤1.0ppm	Conforms	Atomic Absorption
Lead(Pb)	≤2.0ppm	Conforms	Atomic Absorption
Residual Solvents			
- Ethanol	≤1000 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	Negative	Ch.P.C.Rule80
Salmonella	Negative	Negative	Ch.P.C.Rule80
Staphylococcus aureus	Negative	Negative	Ch.P.C.Rule80
*Storage Condition: Store in tightly closed plastic bag and keep in a cool dry place.			
*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