



# 西安绿泉科技有限公司

XI'AN GREEN SPRING TECHNOLOGY CO.,LTD.

## CERTIFICATE OF ANALYSIS

Product Name	Ashwagandha Extract		
Botanical Name	<i>Withania Somnifera Radix</i>	Plant part	Root
Batch Number	230806	Quantity	1000kg
Manufacture Date	Aug 06th,2023	Expiry Date	Aug 05th,2025

Examination Items	Examination Standards	Result	Method
Assay Withanolide	≥5.0%	5.30%	HPLC
Identification	(+)	Positive	TLC
<b>Description</b>			
Appearance	Brown Yellow fine powder	Complies	Visual
Taste / Odor	Characteristic	Complies	Organoleptic
<b>Inspection</b>			
Particle size	95% pass 80 mesh	Complies	80 mesh screen
Loss on drying	≤5.0%	3.79%	5g/105°C/2hrs
Acid insoluble Ash	≤5.0%	1.81%	2g/525°C/3hrs
Extract solvent	Ethanol & Water	Complies	/
Heavy Metals	≤10.0ppm	Complies	Colorimetry
Pb	≤3.0ppm	Complies	ICP-MS
As	≤2.0 ppm	Complies	ICP-MS
Cd	≤1.0 ppm	Complies	ICP-MS
Hg	≤0.1 ppm	Complies	ICP-MS
<b>Microbiological</b>			
Total Bacterial Count	≤1000cfu/g	Complies	CP2015
Total Molds Count	≤100cfu/g	Complies	CP2015
E. Coli	Negative	Negative	CP2015
Salmonella	Negative	Negative	CP2015
Staphylococcus aureus	Negative	Negative	CP2015

Packing: N.W.:25kg s/fiber drum

Storage: Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Shelf Life: 24 months if store under the conditions above and stay in original packaging.

