SciencCarin
FUNCTIONAL INGREDIENTS

Certificate of Analysis

Product Name	Ashwagandha Extract	**Botanical Source**	*Withania somnifera*
Batch Number	XJKZQ250525	**Manufacture Date**	2025- 05-25
Batch Quantity	500Kg	**Expiry Date**	2028- 05-24
Part Used	Root	**Extraction Solvent**	Ethanol&Water

ANALYSIS	SPECIFICATION	RESULTS	METHOD
Extract ratio	10:1	Complies	TLC
Organoleptic			
Appearance	Brown Powder	Complies	Visual
Odor	Characteristic	Complies	*Organoleptic*
Tasted	Characteristic	Complies	*Organoleptic*
Physical Characteristics			
Sieve Analysis	95% through 80 mesh	Complies	*USP<786>*
Loss on Drying	≤5%	3.28%	*USP<731>*
Ash	≤5%	3.31%	USP<561>
Solvent residue	USP standard	Complies	USP<467>
Pesticide residues	USP<561>	Complies	USP<561>
Heavy Metals			
Total Heavy Metals	⩽10ppm	Complies	*USP<231>*
As	≤ 2ppm	Complies	*ICP-MS||USP<730>*
Pb	≤ 2ppm	Complies	*ICP-MS||USP<730>*
Solvent Residuals	Meet Requirements	Complies	*USP<467>*
Microbiology			
Total Plate Count	≤1,000CFU/g	120CFU/g	*USP<2021>*
Yeast & Mold	≤100CFU/g	<20 CFU/g	*USP<2021>*
E.Coli	Negative	Complies	*USP<2022>*
Salmonella	Negative	Complies	*USP<2022>*

Storage Store in Cool & dry place. Keep away from strong light and heat.

Shelf Life 36 months if sealed and stored properly.

Packaging Packaging suitable for food stuff, 25kg double food grade plastic bag in drum.

SHAANXI SCIENCARIN BIO-TECH CO.,LTD 检验专用章 ANALYSIS SEAL

Tested by: Ma Bin **Audited by: Zhang Xuejun**