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SPECIFICATION SHEET

Ashwagandha Extract 5% Withanolides

Product Name	Ashwagandha Extract	**Country of Origin**	India
Botanical Source	*Withania somnifera* (L.) Dunal	**Part Used**	Whole plant

Test Item	Specification	Test Method
Appearance	Light brown to brown powder	Visual
Odor & Taste	Characteristic	Organoleptic
Identification	Corresponds to RS	TLC
Withanolides	≥ 5.0% (on dried basis)	HPLC
Particle Size	NLT 90% through 60 mesh	USP <786>
Bulk Density	0.30 - 0.65 g/ml	USP <616>
Tapped Density	0.65 - 1.00 g/ml	USP <616>
Loss on Drying	≤ 5.0%	USP <731>
Total Ash	≤ 5.0%	USP <561>
Lead (Pb)	≤ 2.0 ppm	ICP-MS
Arsenic (As)	≤ 2.0 ppm	ICP-MS
Cadmium (Cd)	≤ 1.0 ppm	ICP-MS
Mercury (Hg)	≤ 0.1 ppm	ICP-MS
Standard Plate Count	≤ 10,000 cfu/g	USP <2021>
Total Yeast & Mold	≤ 1,000 cfu/g	USP <2021>
E. coli (in 10 g)	Negative	USP <2022>
Salmonella (in 25 g)	Negative	USP <2022>
S. aureus (in 10 g)	Negative	USP <2022>

Storage: Store in tightly sealed and preferably full containers in cool, dry and ventilated area.

Shelf Life: 24 months under above conditions, and kept in its unopened original packaging.

Prepared by: Mia Yu Approved by: Charlie Wang Date: Nov. 18, 2026