
STANDARD TESTING SPECIFICATIONS

RAW MATERIAL

DOC. NO.:

SP/IL/QC/RM-IHS

REVISION NO: 005

SUPERCEDES: 004

ASHWAGANDHA EXTRACT**(Withania Somnifera)- IHS**

1.	Description	:	Brown to dark brown liquid.
2.	Identification	:	1) Comparison with the standard 2) Positive for withanolides
3.	Physico-chemical analysis Moisture content Ash content Acid insoluble ash	:	Not more than 5% w/w Not more than 15 % w/w Not more than 5 % w/w
4.	Heavy metal analysis Lead Cadmium Arsenic	:	Not more than 10ppm Not more than 1ppm Not more than 2ppm
5.	Microbiological tests Total Viable Aerobic Count Total Fungal count Total Enterobacteriaceae <i>E. Coli</i> <i>Salmonella typhi</i> <i>S. aureus</i>	:	Not more than 104 cfu g ⁻¹ Not more than 102 fs g ⁻¹ Not more than 102 cfu g ⁻¹ Absent Absent Absent
6.	Solvent residues Organic solvents	:	Not more than 200 ppm By GC
7.	Mycotoxin analysis Aflatoxins		Not more than 5 ppb
8.	Phytochemical analysis Total Withanolides		□ 1.50%w/w