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Product Master Specification

Item Name	Astragalus Root Extract 5% Astragaloside IV (Astragalus membranaceus) - ExportSF
Product Code	NIGEHER003111
Product Type	Herbal Extracts
Issue Date	09-Nov-2023
Version	V01
QA Status	Final Approved
Intended use	Food use
Test	Specification
Organoleptic	
Appearance	Brown powder
Odour and Taste	Characteristic
Characteristics	
Latin Name	Astragalus membranaceus
Parts Used	Root
Identification	Positive
Assay	Astragaloside IV $\geq 5.00\%$
Irradiation	Free
GMO	Free
BSE/TSE	Free
Physical/Chemical	
Particle Size	100%Through 80 mesh
Loss on drying	$\leq 5.00\%$
Residual Solvents	<0.1% (alcohol)
Ash	$\leq 5.00\%$
Heavy Metals	
Heavy Metals Total	≤ 10.00 ppm
Lead (Pb)	≤ 3.00 ppm
Arsenic (As)	≤ 1.00 ppm
Cadmium (Cd)	≤ 1.00 ppm
Mercury (Hg)	≤ 0.10 ppm
Microbiological	
Total Plate Count	< 1,000 cfu/g

Yeast and Mould	< 100 cfu/g
Escherichia coli (E. coli)	Not detected / g
Salmonella	Not detected / 25g
Staphylococcus aureus	Negative
Pseudomonas aeruginosa	Negative
Storage & Handling	
Storage	Store in a clean, cool, dry place at 5 - 25°C. Protect from humidity (RH < 60) and sunlight.
Preparation and/or handling before use or processing	Please ask our QA department for detailed instructions
Transportation	Transportation suitable for dried food powders
Packaging	All packaging meets EU regulations
Shelf Life	2 years from manufacture if stored according to conditions above
Approved by	Quality Department
Signed By	Deeksha Poojari
Disclaimer	All batches are fully in line with all requirements of the agreed specifications as standard, however not all parameters are tested per batch all of the time. Nutraceuticals Group guarantee all batches.
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