



HERBAL EXTRACT · EU GRADE

Shatavari Dry Extract 20%

Asparagus racemosus · Shatavari · Root

RESULT
Conforms

BOTANICAL NAME Asparagus racemosus	PART USED Root	PREPARATION Dry extract	STANDARDIZATION Saponins NLT 20% (Gravimetric)
MFG. DATE June 2026	EXP. DATE May 2029	BATCH SIZE 300.00 kg	COUNTRY India

S.NO	PARAMETER	SPECIFICATION	METHOD	RESULT
1.0	DESCRIPTION (ORGANOLEPTIC)			
1.1	Colour	Light brown to brown	Visual	Light brown
1.2	Odour	Characteristic	Organoleptic	Characteristic
1.3	Taste	Characteristic	Organoleptic	Characteristic
1.4	Texture	Free-flowing powder without lumps; hygroscopic	Visual	Complies
2.0	ANALYTICAL DATA			
2.1	Identification	TLC profile complies with reference; all major bands	By TLC	Complies
2.2	Loss on drying (% w/w)	NMT 6.0	USP <731>	2.61% w/w
2.3	Bulk density (g/ml)	0.30 – 0.80	USP <616>	0.55 g/ml
2.4	Water-soluble extractive (% w/w)	NLT 70.0	USP <561>	74.9% w/w
2.5	Particle size (through #40 mesh)	NLT 95.0% w/w	USP <786>	100.0% w/w
3.0	ASSAY			
3.1	Total Saponins (% w/w)	NLT 20.0	Gravimetric	21.12% w/w
4.0	HEAVY METALS (ICP-MS / ICP-OES)			
4.1	Lead (ppm)	NMT 3.0	ICP-MS	Complies
4.2	Arsenic (ppm)	NMT 1.0	ICP-MS	Complies
4.3	Cadmium (ppm)	NMT 1.0	ICP-MS	Complies
4.4	Mercury (ppm)	NMT 0.1	ICP-MS	Complies
5.0	CONTAMINANT RESIDUES (EU)			
5.1	Residual solvents	Comply with EU 2009/32/EC & 2016/1855/EC	By GC	Complies
5.2	Pesticide residues	Comply with EU Reg. 396/2005	LC-MS/MS & GC-MS/MS	Complies
5.3	Aflatoxin B1 (ppb)	NMT 5.0	HPLC-FLD	Complies
5.4	Total Aflatoxins B1B2G1G2 (ppb)	NMT 10.0	HPLC-FLD	Complies
5.5	Benzo(a)pyrene (ppb)	NMT 10.0	HPLC-FLD	Complies
5.6	Sum of 4 PAH (ppb)	NMT 50.0	HPLC-FLD	Complies
5.7	Ethylene oxide, as ETO (mg/kg)	Comply with EU Reg. 2021/2246	GC-MS/MS	Complies
6.0	MICROBIOLOGICAL ANALYSIS			
6.1	Total Aerobic Microbial Count (cfu/g)	NMT 10,000	USP <2021>	<100
6.2	Total Yeast & Mould Count (cfu/g)	NMT 1,000	USP <2021>	<10
6.3	Escherichia coli	Absent / 10 g	USP <2022>	Absent
6.4	Salmonella sp.	Absent / 10 g	USP <62>	Absent
6.5	Staphylococcus aureus	Absent / 10 g	USP <2022>	Absent
6.6	Pseudomonas aeruginosa	Absent / 10 g	USP <2022>	Absent

Remarks: The product Shatavari Dry Extract 20% conforms to the above-mentioned specifications.

* The product is of herbal origin; slight colour variation may occur due to geographical and seasonal variation in the raw material.

CARRIER / EXCIPIENT Dextrin	SOURCE Cultivated · Kosher Certified	SHELF LIFE 36 months from date of manufacture	STORAGE Tightly sealed container, cool place, protected from sunlight & heat
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