

Finished Product Specifications

Shatavari 40% Powdered Extract

Product Details

Botanical Name	<i>Asparagus racemosus</i>	Common Name	Satavari
Plant part used	Dried Roots	Extraction medium	Water
Excipient used	Colloidal Silicon Dioxide NMT 2%	Carrier used	Brown dextrin NMT 30%
Sterilization method	Non ETO	Shelf life	Three years

Product Specification

Sr. No	Test	Specification	Method
1.0	Physical parameters		
1.1	Appearance	Brown color dry powder	Visual
1.2	Particle size	NLT 95% w/w through 40 mesh	Sieving
1.3	Odor	Characteristic	Organoleptic
1.4	Taste	Characteristic	Organoleptic
1.5	Loss on drying	NMT 5 % w/w	Gravimetric
1.6	Water Soluble Extractives	NLT 75% w/w on d/b	Gravimetric
1.7	Total Ash	NMT 15% w/w	Gravimetric
1.8	Bulk Density	NLT 0.4g/cc	Gravimetric
2.0	Chemical parameters		
2.1	pH (1% w/v aqueous solution)	3-6	pH meter
2.2	Assay (total saponins)	NLT 40% w/w on d/b	Gravimetric
3.0	Impurities		
3.1	Total Heavy Metals	NMT 10 ppm	Visual
3.2	Arsenic	NMT 2 ppm	AAS
3.3	Lead	NMT 2 ppm	AAS
3.4	Cadmium	NMT 0.2 ppm	AAS
3.5	Mercury	NMT 1 ppm	AAS

Sr. No	Test	Specification	Methods
4.0	Microbiological Parameters		
4.1	Total Plate count	<1000 Cfu/g	USP
4.2	Yeast & Mold count	<100 Cfu/g	USP
4.3	Coliforms	<3/g	AOAC
5.0	Pathogens		
5.1	<i>Escherichia coli</i>	Should be Absent/g	USP
5.2	<i>Salmonella</i>	Should be Absent/g	USP
5.3	<i>Staphylococcus aureus</i>	Should be Absent/g	USP
5.4	<i>Pseudomonas aeruginosa</i>	Should be absent/g	USP

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