

Finished Product Specifications
Boswellia 85% Powdered Extract



PRODUCT DETAILS			
Botanical Name	<i>Boswellia serrata</i>	Common Name	Boswellia
Plant part used	Gum/ Resin	Extraction medium	Methanol
Excipient used	None	Carrier used	None
Sterilization method	Non ETO	Shelf life	Three years

PRODUCT SPECIFICATION			
Sr. No	Test	Specification	Method
1.0	PHYSICAL PARAMETERS		
1.1	Appearance	Off white color dry powder	Visual
1.2	Particle size	NLT 95 % w/w through 60 mesh	Sieving
1.3	Odor	Characteristic	Organoleptic
1.4	Taste	Characteristic	Organoleptic
1.5	Loss on drying	NMT 5 % w/w	Gravimetric
1.6	Alcohol Soluble Extractives	NLT 75% w/w on d/b	Gravimetric
1.7	Ash content	NMT 5% w/w	Gravimetric
2.0	CHEMICAL PARAMETERS		
2.1	pH (1% w/w aqueous solution)	4-7	pH meter
2.2	Assay (Boswellic acids)	NLT 85% w/w on d/b	Titration
2.3	Assay (AKBA)	NLT 5 % w/w on d/b	HPLC
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
3.6	Residual solvent (methanol)	NMT3000 ppm	USP

Sr. No	Test	Specification	Method
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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