



HERBAL EXTRACT

Boswellia Serrata Extract 30% AKBA

Boswellia serrata · Indian Frankincense · Gum

RESULT

Conforms

BOTANICAL NAME Boswellia serrata	PART USED Gum	EXTRACTION SOLVENT Ethyl acetate	STANDARDIZATION AKBA NLT 30% (HPLC)
MFG. DATE October 2026	EXP. DATE September 2029	BATCH SIZE Refer lot documents	COUNTRY OF ORIGIN India

S.NO	PARAMETER	SPECIFICATION	METHOD	RESULT
1.0	DESCRIPTION			
1.1	Appearance	Off-white to cream colour powder	Organoleptic	Complies
1.2	Odour & Taste	Characteristic	Organoleptic	Complies
2.0	PHYSICAL PARAMETERS			
2.1	Loss on drying	NMT 5.0% w/w	IP-2014	2.45% w/w
2.2	Untapped bulk density	0.10 – 0.40 g/ml	IP-2014	0.34 g/ml
2.3	Tapped bulk density	0.20 – 0.60 g/ml	IP-2014	0.51 g/ml
2.4	Particle size	NLT 80% passes through 40 mesh	IP-2014	Complies
3.0	IDENTIFICATION & ASSAY			
3.1	Identification	To comply	By HPLC	Complies
3.2	3-Acetyl-11-keto-β-boswellic acid (AKBA)	NLT 30.0%	HPLC (USP)	31.02%
4.0	HEAVY METALS			
4.1	Lead (ppm)	NMT 3.0	As per USP	Complies
4.2	Arsenic (ppm)	NMT 1.0	As per USP	Complies
4.3	Cadmium (ppm)	NMT 1.0	As per USP	Complies
4.4	Mercury (ppm)	NMT 0.1	As per USP	Complies
5.0	RESIDUAL SOLVENTS & CONTAMINANTS			
5.1	Residual solvent — Ethyl acetate	NMT 5,000 ppm	As per USP	Complies
5.2	Residual pesticides	Complies as per USP	As per USP	Complies
5.3	Ethylene oxide + 2-Chloroethanol	NMT 0.01 mg/kg	As per USP	Complies
6.0	MICROBIOLOGICAL ANALYSIS			
6.1	Total Plate Count (cfu/g)	NMT 1,000	As per USP	Complies
6.2	Total Yeast & Mould Count (cfu/g)	NMT 100	As per USP	Complies
6.3	Escherichia coli	Negative	As per USP	Absent
6.4	Salmonella sp.	Negative	As per USP	Absent
6.5	Staphylococcus aureus	Negative	As per USP	Absent

Remarks: The product Boswellia Serrata Extract 30% AKBA 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. Natural extracts can be hygroscopic; sift before use if agglomerated.

TREATMENT Non-irradiated · Not ETO-treated	STATUS Non-GMO · BSE/TSE free · No preservatives or antioxidants	ALLERGENS None declared (EU Reg. 1169/2011)	STORAGE Cool, dry place in an airtight container; protect from moisture
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