

PRODUCT SPECIFICATION SHEET



Wokvel®

LATIN NAME:

Boswellia serrata

COMMON NAME:

Sallaki

HARVEST SEASON

March - June¹

ORIGIN:

India

PLANT PART USED:

Gum Resin

HARVEST METHOD:

Wild Crafted

Product Code: WOK065EGPH

PHYSICAL CHARACTERISTIC	SPECIFICATION	TEST METHOD
Identification	Positive	TLC/HPLC/HP-TLC
Appearance	Dry Granules	Visual
Color	Creamish-yellow ²	Visual
Odor	Characteristic	Organoleptic
Taste	Characteristic	Organoleptic
Particle size	NMT 60.00% thru 60 mesh	USP <786>
	NMT 30.00% thru 120 mesh	USP <786>
Bulk Density	NLT 0.30 g/mL	USP <616>
Tap Density	NLT 0.40 g/mL	USP <616>
CHEMICAL ANALYSIS	SPECIFICATION	TEST METHOD
Assay for Actives		
a. Total Boswellic Acids	NLT 40.00%	By HPLC
Loss on Drying	NMT 6.00%	USP <731>
Herb Extract Ratio	5:1	In-house specification
Extraction Solvent	Alcohol	In-house specification
Excipient	Starch	In-house specification
IMPURITIES	SPECIFICATION	TEST METHOD
Total Heavy Metals	< 10 ppm	USP <231>
Lead	< 1 ppm	AAS/ICP-MS
Mercury	< 2 ppm	AAS/ICP-MS
Arsenic	< 1 ppm	AAS/ICP-MS
Cadmium	< 1 ppm	AAS/ICP-MS
Residual Solvent	USP <467> Screen ³	USP <467>
Pesticides Residue	USP <561> Screen	USP <561>
MICROBIOLOGY	SPECIFICATION	TEST METHOD
Total plate count	< 10000 cfu/g	USP
Yeast & mold	< 1000 cfu/g	USP
Escherichia coli	Absent/10g	USP
Salmonella	Absent/10g	USP
Coliforms	< 100 cfu/g	USP
S. Aureus	Absent/10g	USP
Enterobacteriaceae	< 100 cfu/g	USP

¹Harvest season is subject to change based on environmental changes.

²Color of botanical products is subject to seasonal conditions and may vary from lot to lot.

³Class 1, 2a, 2b, and selected Class 3

Note: Material has an inherent tendency to form clumps due to its hygroscopic nature.

Ingredient Disclosure

Boswellia serrata extract of gum resin
Starch

Packaging: 25kgs net weight, double bagged
Shelf Life: 48 months from date of manufacture
Storage: At room temperature, away from sunlight and moisture

Created: January 2004
Revision #: 12
Revision Date: Dec 16, 2015
Rev. ID #: 3
Version #: 01N



VERDURE
SCIENCES

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