



## Hangzhou New Asia International Co., Ltd

189 FengQi East Road, TSN Plaza 4-706

Hangzhou, Zhejiang, 310020, P.R.China

Tel: 86-571-85815391

Fax: 86-571-85815449

E-mail: sales@herbalsextract.com

Website: www.herbalsextract.com

## CERTIFICATE OF ANALYSIS

### Boswellia Serrata Extract

Boswellic Acid 65% Titration

Lot Number: CCM-190401 Manufacture Date: 2019/04/05 Expiry Date: 2021/04/04

Food Grade Extract Solvent: Ethanol/Water(70/30) Carrier: Maltodextrin 10%

#### General Information

Part Used	Gum	Solvents Used	Water/Ethanol
Botanical Source	<i>Boswellia serrata L</i>	Country Of Origin	China

ITEMS	SPECIFICATION	METHOD	TEST RESULTS
-------	---------------	--------	--------------

#### Physical & Chemical Data

Color	Off-White	Organoleptic	Conform
Odor	Characteristic	Organoleptic	Conform
Appearance	Fine Powder	Organoleptic	Conform

#### Analytical Quality

Identification	Identical to R.S. sample	HPTLC	Identical
Boswellic Acid	≥65.0%	Titration	66.68%
Extract Ratio	3:1		Conform
Sieve analysis	100% through 80 mesh	USP34<786>	Conform
Loss on Drying	≤5.0%	Eur.Ph. 7.0 [2.8.17]	4.62%
Total Ash	≤5.0%	Eur.Ph. 7.0 [2.4.16]	4.01%

#### Contaminants

Lead (Pb)	≤3.0 mg/kg	Eur.Ph. 7.0<2.2.58>ICP-MS	Conform
Arsenic (As)	≤2.0 mg/kg	Eur.Ph. 7.0<2.2.58>ICP-MS	Conform
Cadmium (Cd)	≤1.0 mg/kg	Eur.Ph. 7.0<2.2.58>ICP-MS	Conform
Mercury (Hg)	≤0.1 mg/kg	Eur.Ph. 7.0<2.2.58>ICP-MS	Conform
Solvents Residue	Meet Eur.Ph. 7.0<5.4>	Eur.Ph 7.0<2.4.24>	Conform
Pesticides Residue	Meet USP Requirements	USP34 <561>	Conform

#### Microbiological

Total Plate Count	≤1000 cfu/g	USP34 <61>	Conform
Yeast & Mold	≤100 cfu/g	USP34 <61>	Conform
E.Coli.	Negative	USP34 <62>	Conform
Salmonella	Negative	USP34 <62>	Conform

#### General Status

<b>Packing &amp; Storage</b>	Packed in paper-drums and two plastic-bags inside. N.W:25kgs. Store in a well-closed container Away from moisture, light, oxygen.
<b>Shelf life</b>	24 months under the conditions above and in its original packaging.
<b>Remarks</b>	Non-GMO, Non-Allergen

Analytical Laboratory Manager:

Date: 2019.04.12



王海