



# 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

### Baical Skullcap Root

(Eur. Ph. Grade)

Lot Number: BSK-220101

Manufacture Date: 2022/01/03

Expiry Date: 2024/01/02

#### General Information

Other Names	: Baical Skullcap Root, Baikal Skullcap Root, Scutellariae Baicalensis Radix, Radix Scutellariae
Definition	: Dried, peeled, usually fragmented root of Scutellaria baicalensis Georgi without rootlets. It is collected
Part Used	: Root
Botanical/Scientific Name	: Scutellaria Baicalensis L.
GM Status	: Not Genetically modified
Allergen Status	: Not Allergen
Cultivated/Wild	: Cultivated
Country Of Origin	: China
Harvesting Period	: Spring and Autumn
Treatment After Harvesting	: Drying
Sanitising Treatment After Harvesting	: None
H.S.Code	: 1211.90



#### ITEMS SPECIFICATION METHOD TEST RESULTS

#### Physical & Chemical Data

Macroscopic/microscopic ID	: The root is conical, twisted and, if not reduced in size, 8-25 cm long and 1-3 cm in diameter. The outer surface is brownish-yellow or dark yellow, bearing sparse, warty traces of rootlets, the upper part rough, with twisted longitudinal wrinkles or irregular reticula, the lower part with longitudinal striations and fine wrinkles. Texture hard and fragile, easily broken, fracture yellow, reddish-brown in the centre; the central part of an old root dark brown or brownish-black, withered or hollowed.
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#### Analytical Quality

HPLC CHROMATOGRAMS	:
Baicalin	: $\geq 9.0\%$ HPLC 13.00%
Loss on Drying	: $\leq 12.0\%$ Eur.Ph. 6.80%
Total ash	: $\leq 6.0\%$ Eur.Ph. 4.77%
Ash insoluble in hydrochloric acid	: $\leq 2.0\%$ Eur.Ph. 0.64%

#### Contaminants

Lead (Pb)	: $\leq 2.0$ mg/kg Eur.Ph. 0.13 mg/kg
Arsenic (As)	: $\leq 2.0$ mg/kg Eur.Ph. 0.069 mg/kg
Cadmium (Cd)	: $\leq 1.0$ mg/kg Eur.Ph. 0.013 mg/kg
Mercury (Hg)	: $\leq 0.1$ mg/kg Eur.Ph. 0.04 mg/kg
Pesticides Residue	: Meet USP Requirements USP 277 pesticides are less than LOQs Fenvalerate 0.085ppm (EP Limit 1.5ppm)

Packing & Storage	: Packed in PP Bag /Carton and two plastic-bags inside. N.W: 10-30kgs Store in a well-closed container. Away from moisture, light, oxygen.
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Shelf life	: 24 months under the conditions above and in its original packaging.
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Analytical Laboratory Manager:

Date: 2022.01.10



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