



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



SPECIFICATION SHEET

Baical Skullcap Root Powder



General Information

Other Names	: Baical Skullcap Root, Baical Skullcap Root, Scutellariae Baicalensis Radix, Radix Scutellariae
Definition	: Dried, peeled, usually fragmented root of Scutellaria baicalensis Georgi without rootlets. It is collected in spring or autumn.
Part Used	: Root
Botanical/Scientific Name	: Scutellaria Baicalensis L.
GM Status	: Not Genetically modified
Allergen Status	: Not Allergen
Irradiation Status	: Not Irradiation
BSE/TSE Status	: Free
Cultivated/Wild	: Cultivated
Country Of Origin	: China
Harvesting Period	: Spring and Autumn
Treatment After Harvesting	: Drying
Sanitising Treatment After Harvesting	: None
H.S.Code	: 2932.99

ITEMS	SPECIFICATION	METHOD
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Physical & Chemical Data

Macroscopic/microscopic ID	: The roots are conical and twisted, 8–25 cm long, 1–3 cm in diameter; the upper part rough with twisted longitudinal wrinkles or irregular reticular stripes; the lower part with longitudinal striations and fine wrinkles. The outer surface is brownish yellow or dark yellow with sparse and warty rootlet scars. Texture is hard and fragile, easily broken. The fracture is yellow but reddish brown in the center. The old roots have a dark-brown fracture with a withered or hollow center.
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Appearance & Color : Yellow Brown Fine Powder With Characteristic Odor

Analytical Quality

HPLC CHROMATOGRAMS

Baicalin	: $\geq 9.0\%$	HPLC
Sieve analysis	: 100% through 80 mesh	USP
Loss on Drying	: $\leq 10.0\%$	Eur.Ph.
Lead (Pb)	: ≤ 2.0 mg/kg	Eur.Ph.
Arsenic (As)	: ≤ 2.0 mg/kg	Eur.Ph.
Cadmium (Cd)	: ≤ 1.0 mg/kg	Eur.Ph.
Mercury (Hg)	: ≤ 0.1 mg/kg	Eur.Ph.
Pesticides Residue	: Meet USP Requirements	USP

Microbiological

Total Plate Count	: ≤ 10000 cfu/g	USP
Yeast & Mold	: ≤ 100 cfu/g	USP
E.Coli.	: Negative	USP
Salmonella	: Negative	USP

Packing & Storage

: Packed in paper-drums and two plastic-bags inside. N.W:25kgs
Store in a well-closed container. Away from moisture, light, oxygen.

Shelf life : 24 months under the conditions above and in its original packaging.