

Certificate of Analysis

Product Information

Product Name	Skullcap Extract Powder	Report Number	SEL20210522
Botanical Name	Scutellaria baicalensis	Manufacture Date	2021.04.30
Used Part	Root	Analysis Date	2021.05.05
Batch Number	SEL210430	Release Date	2021.05.10
Batch Quantity	1000KG	Expiry Date	2024.04.29



Test items	Specifications	Results	Test Methods
------------	----------------	---------	--------------

Active Ingredients

Baicalin	≥80%	82.76%	HPLC
----------	------	--------	------

Physical & Chemical Data

Appearance	Yellow to brown yellow fine powder	Conforms	Visual
Odor and Taste	Characteristic	Conforms	Organoleptic
Sieve analysis	90% through 80 mesh	Conforms	80 Mesh Screen
Loss on Drying	≤5.0 %	2.97%	105°C/2 hrs
Total Ash	≤5.0 %	3.21%	GB 5009.4
Bulk Density	40~60 g/100mL	58.0 g/100mL	GB/T 18798.5
Tap Density	60~90g/100mL	69.0 g/100mL	GB/T 18798.5

Contaminants

Lead (Pb)	<3.0mg/kg	0.35mg/kg	ICP-MS
Arsenic (As)	<2.0mg/kg	0.18mg/kg	ICP-MS
Cadmium (Cd)	<1.0mg/kg	0.09mg/kg	ICP-MS
Mercury (Hg)	<0.1mg/kg	0.001mg/kg	ICP-MS

Microbiological

Total Aerobic Count	≤ 1000cfu/g	80cfu/g	GB 4789.2
Yeast & Moulds	≤ 100cfu/g	10cfu/g	GB 4789.15
E-Coli	Negative	Conforms	GB 4789.3
Salmonella	Negative	Conforms	GB 4789.4
Staphylococcus Aureus	Negative	Conforms	GB 4789.10

Storage & Packing

Shelf Life:	3 years when properly stored.
Packing :	Packed in paper-drums and two plastic-bags inside.
Storage:	Store in cool & dry place, not freeze. Keep away from strong light.

Remarks: This product is natural, the color vary from batch to batch.

Tested by: 张丽娟

Checker: 李明

Approved:

