

Certificate of Analysis

Product Information

Product Name	White Willow Bark Extract Powder	Report Number	WBL20210332
Botanical Name	Salix aliba L	Manufacture Date	2021.03.10
Used Part	Bark	Analysis Date	2021.03.15
Batch Number	WBL210310	Report Date	2021.03.20
Batch Quantity	1000KG	Expiry Date	2024.03.09



Test items	Specifications	Results	Test Methods
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Active Ingredients

Salicin	NLT15.0%	15.80%	HPLC
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Physical & Chemical Data

Appearance	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 %	2.98%	105°C/2 hrs
Total Ash	≤5.0 %	3.21%	GB 5009.4
Bulk Density	40~60 g/100mL	55.8 g/100mL	GB/T 18798.5
Tap Density	60~90g/100mL	66.5 g/100mL	GB/T 18798.5
Extract Solvents	Water & Alcohol	Conforms	

Contaminants

Lead (Pb)	<3.0mg/kg	0.19mg/kg	ICP-MS
Arsenic (As)	<2.0mg/kg	0.20mg/kg	ICP-MS
Cadmium (Cd)	<1.0mg/kg	0.08mg/kg	ICP-MS
Mercury (Hg)	<0.1mg/kg	0.001mg/kg	ICP-MS
Solvents Residue	<5000 mg/kg		GC

Microbiological

Total Aerobic Count	≤ 1000cfu/g	120cfu/g	GB 4789.2
Yeast & Moulds	≤ 100cfu/g	20cfu/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: 张丽娜

Checker: 李田

Approved:

