

Certificate of Analysis

Expiry Date: Jan. 19, 2028
Manufacture Date: Jan. 20, 2025

Product Name	Danshen Extract	Batch Number	HXJC20250120
Botanical Source	<i>Salvia miltiorrhiza Bge</i>	Batch Quantity	2000kg
Plant Part Used	Roots(Dry, 100% Natural)	Country of Origin	China
Excipient & Ratio	20:1	Solvents Used	Water

Analysis Items	Specifications	Results	Test Methods
Identification	<i>Identical to R.S samples</i>	Identical	TLC

Physical and Chemical			
Loss on Drying	≤ 5.0%	3.8%	GB 5009.3
Residue on Ignition	≤ 5.0%	2.1%	GB 5009.4
Assay	Tanshinones IIA ≥ 10%	18.1%	HPLC
Bulk density	35-55g/100mL	Conforms	GB/T 20316.2
Appearance	Brown powder	Conforms	Visual
Odor & Taste	Characteristic	Conforms	Organoleptic
Particle size	Through 80 mesh	Conforms	CP2020
Contaminants			
Arsenic (As)	≤ 0.1 mg/kg	Conforms	GB 5009.76
Lead (Pb)	≤ 0.2 mg/kg	Conforms	GB 5009.75
Mercury (Hg)	≤ 0.1 mg/kg	Conforms	GB 5009.17
Cadmium(Cd)	≤ 0.1 mg/kg	Conforms	GB 5009.15
Pesticide Residue	Meet Eur.Ph. <2.8.13>	Conforms	Eur.Ph. <2.8.13>
Benzo(a)pyrene	≤ 10 ug/kg	Conforms	Eu. Reg 1881
Sum of B(a)P, B(a)A, B(b)F, & Chrysene	≤ 50 ug/kg	Conforms	Eu. Reg 2015

Microbiological			
Total plate count	≤ 1,000 cfu/g	Conforms	ISO 4833-1
Moulds & Yeasts	≤ 100 cfu/g	Conforms	ISO 21527-2
Escherichia coli	< 10 cfu/g	Conforms	ISO 16649-2
Salmonella	Not Detected/25g	Not Detected	ISO 6579-1
Bacillus cereus	< 10 cfu/g	< 10 cfu/g	ISO 7932:2004
Coagulase-positive staphylococci	< 10 cfu/g	< 10 cfu/g	ISO 6888-1
Sanitizing status	Non irradiated, No ETO treated, Negative by PSL screen test.		
GMO/BSE status	Non-GMO, Free of BSE.		



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Package	Packed in a food polythene bag(N.W.: 5KG-25KG), outside package is carton or fiber drum.
Storage	Stored in a well-closed container at cool temperature(below 30°C) away from direct sunlight.
Shelf Life	3 years if sealed and stored under the recommended conditions.

Conclusion: This batch of Danshen Extract meets the above specification

Analyzed by: Muhammad Sesay

Checked by: 叶平

Approved by: 魏斌

