

CERTIFICATE OF ANALYSIS

Coleus Forskholii Extract

Batch Number: 030225240711

Manufacture Date: Jul 11, 2024

Best Used Before: Jul 10, 2027

General Information

Part used	Root	Solvents used	Water and ethanol
Botanical source	<i>Coleus forskohlii</i> (Willd.) Briq	Country of origin	China

Items	Specification	Methods	Results
Physical & chemical			
Color	Brown	Organoleptic	Conform
Odor	Characteristic	Organoleptic	Conform
Appearance	Fine powder	Organoleptic	Conform

Analytical quality

Identification	Identical to R.S. sample	HPTLC	Identical
Sieve analysis	90% through 80 mesh	Eur.Ph.<2.9.12>	Conform
Loss on drying	≤5.0%	Eur.Ph.<2.8.17>	3.08%
Total ash	≤10.0%	Eur.Ph.<2.4.16>	1.53%
Bulk density	40~60g/100mL	Eur.Ph.<2.9.34>	48g/100mL
Tap density	60~90g/100mL	Eur.Ph.<2.9.34>	71g/100mL
Forskohlin	≥20.0%	HPLC	20.3%

Contaminants

Lead (Pb)	≤3.0mg/kg	Eur.Ph.<2.2.58>ICP-MS	0.05mg/kg
Arsenic (As)	≤2.0mg/kg	Eur.Ph.<2.2.58>ICP-MS	0.02mg/kg
Cadmium (Cd)	≤1.0mg/kg	Eur.Ph.<2.2.58>ICP-MS	0.013mg/kg
Mercury (Hg)	≤0.1mg/kg	Eur.Ph.<2.2.58>ICP-MS	0.011mg/kg
Solvents residue	Meet Eur.Ph. <2.4.24>	Eur.Ph.<2.4.24>	Conform
Pesticides residue	Meet Eur.Ph. <2.8.13>	Eur.Ph. <2.8.13>	Conform

Microbiological

Total plate count	≤10000cfu/g	Eur.Ph. <2.6.12>	130cfu/g
Yeast & mold	≤100cfu/g	Eur.Ph. <2.6.12>	38cfu/g
E. Coli.	Negative in 10grams	Eur.Ph. <2.6.13>	Negative
Salmonella	Negative in 25grams	Eur.Ph. <2.6.13>	Negative

General Status

Non-Irradiation	≤700	EN13751:2002<PSL>	242
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Conclusion: Qualified

Net weight: 10.0kgs/Drum

Gross weight: 11.5kgs±0.2kg/Drum

36 months under 30°C in a well-closed container and away from moisture, light, oxygen.

Packed in paper drum or carton with two plastic bags inside.