



## TECHNICAL DATA SHEET

Product code	030225
Product	Coleus Forskolin Extract
Specification	Forskolin $\geq$ 20%, HPLC
Part used	Root
Botanical source	<i>Coleus forskolin</i> (Willd.) Briq.
Solvents Used	Water and ethanol
Carrier	None

Items	Specification	Methods
<b>Physical &amp; chemical</b>		
Color	Brown	Organoleptic
Odor	Characteristic	Organoleptic
Appearance	Fine powder	Organoleptic
<b>Analytical quality</b>		
Identification	Identical to R.S. sample	HPTLC
Sieve analysis	90% through 80 mesh	Eur.Ph. <2.9.12>
Loss on drying	$\leq$ 5.0%	Eur.Ph.7.0 [2.8.17]
Total ash	$\leq$ 10.0%	Eur.Ph.<2.4.16>
Bulk density	40~60g/100mL	Eur.Ph.<2.9.34>
Tap density	60~90g/100mL	Eur.Ph.<2.9.34>
Forskolin	$\geq$ 20%	HPLC
<b>Contaminants</b>		
Lead (Pb)	$\leq$ 3.0mg/kg	Eur.Ph.<2.2.58>ICP-MS
Arsenic (As)	$\leq$ 2.0mg/kg	Eur.Ph.<2.2.58>ICP-MS
Cadmium (Cd)	$\leq$ 1.0mg/kg	Eur.Ph.<2.2.58>ICP-MS
Mercury (Hg)	$\leq$ 0.1mg/kg	Eur.Ph.<2.2.58>ICP-MS
Solvents residue	Meet Eur. Ph. Requirements	Eur.Ph.<2.4.24>
Pesticides residue	Meet Eur. Ph. Requirements	Eur.Ph.<2.4.13>
<b>Microbiological</b>		
Total plate count	$\leq$ 10000cfu/g	Eur.Ph. <2.6.12>
Yeast & mold	$\leq$ 1000cfu/g	Eur.Ph. <2.6.12>
E. Coli.	Negative( Per 10grams)	Eur.Ph. <2.6.13>
Salmonella	Negative(Per 25grams)	Eur.Ph. <2.6.13>
<b>General Status</b>		
Non-Irradiation	$\leq$ 700	EN13751:2002<PSL>

Net weight: 25kgs/Drum or Carton;

Gross weight: 27.5Kgs $\pm$ 0.5kg

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