

# Specification of Rhaponticum Carthamoides Root Extract

Product: Rhaponticum Carthamoides Root Extract

Type: Food Grade

Package:25KG Drum

ANALYSIS ITEM	SPECIFICATION	METHOD	
Extract Ratio	10:1		
Appearance	Fine Powder	Organoleptic	
Color	Brown	Organoleptic	
Odor & taste	Characteristic	Organoleptic	
Identification	Identical to <i>R.S.</i> sample	HPTLC	
Loss on Drying	≤5.0%	Eur.Ph. <2.8.17>	
Total ash	≤10.0%	Eur.Ph. <2.4.16>	
Sieve analysis	100% through 80 mesh	Eur.Ph. <2.9.12>	
Bulk density	40~60g/100mL	Eur.Ph. <2.9.34>	
<b>Heavy metals:</b>			
Lead(Pb)	≤3.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS	
Arsenic(As)	≤2.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS	
Cadmium(Cd)	≤1.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS	
Mercury(Hg)	≤0.1 mg/kg	Eur.Ph. <2.2.58>ICP-MS	
Residual solvents	Meet Eur.Ph. <2.4.24>	Eur.Ph. <2.4.24>	
Residual pesticides	Meet Eur.Ph. <2.8.13>	Eur.Ph. <2.8.13>	
Non irradiated	≤700	EN <13751:2002>	
Microbiology	Irradiation	Non irradiated	
Total Plate Count	≤1000cfu/g	≤10000cfu/g	Eur.Ph. <2.6.12>
Yeast & Mold	≤100cfu/g	≤1000cfu/g	Eur.Ph. <2.6.12>
E.Coli	Negative	Negative	Eur.Ph. <2.6.13>
Salmonella	Negative	Negative	Eur.Ph. <2.6.13>

Shelf Life: 36 months

Store in a well-closed container Away from moisture,light, oxygen