

## TECHNICAL DATA SHEET

Product code	030398
Product	Garlic extract
Specification	200:1
Part used	Root
Botanical source	<i>Allium sativum L</i>

Items	Specification	Methods
<b>Physical &amp; chemical</b>		
Color	Light yellow	Organoleptic
Odor	Characteristic	Organoleptic
Appearance	Fine powder	Organoleptic
<b>Analytical quality</b>		
Identification	Identical to R.S. sample	HPTLC
Sieve analysis	100% through 80 mesh	Eur.Ph.<2.9.12>
Loss on drying	≤5.0%	Eur.Ph.7.0 [2.8.17]
Total ash	≤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>
Concentration ratio	200:1	TLC
<b>Contaminants</b>		
Lead (Pb)	≤3.0mg/kg	Eur.Ph.<2.2.58>ICP-MS
Arsenic (As)	≤2.0mg/kg	Eur.Ph.<2.2.58>ICP-MS
Cadmium (Cd)	≤1.0mg/kg	Eur.Ph.<2.2.58>ICP-MS
Mercury (Hg)	≤0.1mg/kg	Eur.Ph.<2.2.58>ICP-MS
Solvents residue	Meet Eur. Ph.7.0<5.4>	Eur.Ph.<2.4.24>
Pesticides residue	Meet Eur. Ph. Requirements	Eur.Ph.<2.4.13>
<b>Microbiological</b>		
Total plate count	≤10000cfu/g	Eur.Ph.<2.6.12>
Yeast & mold	≤1000cfu/g	Eur.Ph.<2.6.12>
E. Coli.	Negative	Eur.Ph.<2.6.13>
Salmonella	Negative	Eur.Ph.<2.6.13>
<b>General Status</b>		
Non-Irradiation	≤700	EN13751:2002<PSL>

Net weight: 25kgs/Drum or Carton; Gross weight: 27.5Kgs±0.5kg/Drum.

Packing size: Drum.I.D.35×H51cm; Carton 36cm×36cm×45cm

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

Packed in paper-drums or carton with two plastic-bags inside.