

## TECHNICAL DATA SHEET

Product code	030866
Product	Garlic extract
Specification	Allicin 2.5%,HPLC
Part used	Garlic bulb
Botanical source	<i>Allium sativum L</i>

Items	Specification	Methods
<b>Physical &amp; chemical</b>		
Color	Yellow	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	≤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>
Allicin	≥2.5.0%	HPLC
<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. Requirements	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 in 10grams	Eur.Ph.<2.6.13>
Salmonella	Negative in 25grams	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.



## **NUTRITIONAL INFORMATION**

Please provide nutrition information per 100g for all mandatory, nutrients, fortified nutrients or added dietary ingredients, water, ash and any nutrients expected to be present in significant amounts.

<b>Nutrient</b>	<b>Amount</b>	<b>Nutrient</b>	<b>Amount</b>
Calories	0	Thiamine (mg)	0
Total fat (g)	0	Riboflavin	0
Saturated fat (g)	0	Niacin (mg)	0
Monounsaturated fat (g)	0	Vitamin B6 (mg)	0
Polyunsaturated fat (g)	0	Folic Acid (mcg)	0
Trans-fatty acids (g)	0	Vitamin B12 (mcg)	0
Cholesterol (mg)	0	Biotin (mcg)	0
Sodium (mg)	0	Pantothenic acid (mg)	0
Potassium (mg)	0	Phosphorus (mg)	0
Total carbohydrate (g)	0	Iodine (mcg)	0
Dietary fiber (g)	0	Magnesium (mg)	0
Soluble fiber (g)	0	Zinc (mg)	0
Insoluble fiber (g)	0	Selenium (mcg)	0
Sugars (g)	0	Copper (mg)	0
Moisture (g)	0	Manganese (mg)	0
Ash (g)	0	Chromium (mcg)	0
Protein (g)	0	Molybdenum (mcg)	0
Vitamin A (IU)	0	Chloride (mg)	0
Vitamin C (mg)	0	All other nutrients or Dietary Ingredients	0
Calcium (mg)	0	Sulfites	0
Iron (mg)	0	Sugar Alcohol	0
Vitamin D (IU)	0	Sulfur	0
Vitamin E (IU)	0	Heavy Metals	NMT 10ppm
Vitamin K (mcg)	0		