



Nature Identical Garlic Oil (Diallyl disulphide)

Diallyl disulfide (DADS) is an organosulfur compound derived from garlic and a few other genus *Allium* plants. Along with Diallyl disulfide, Diallyl trisulfide is also one of the principal components of the distilled oil of garlic which is a yellowish to light orange liquid insoluble in water with a strong garlic odor. It is produced during the decomposition of alliin, which is released upon crushing garlic and other plants of the Alliaceae family

Synthite offer nature identical garlic oil with the same flavor profile of Mexican garlic oil, the major components present are Diallyl disulfide, Diallyl trisulfide and Diallyl sulfide.

Technical specifications

Sl.No	Tests	Specification
1	Organoleptic Characteristics	
	Appearance	Golden yellow clear oil
	Odour	Pungent , garlic like
2	Physical Constants	
	Specific Gravity @ 25°C	1.015 to 1.025
	Refractive Index @ 25°C	1.537 to 1.551
3	Chemical Constituents	
	Diallyl Disulphide(DADS)	NLT 45% (GC Purity)
4	Solubility	
	Solubility in Alcohol	Soluble
	Solubility in Chloroform	Soluble
5	Residual Solvents	
	Allyl chloride	NMT 0.2% (GC)
	Alcohol	< 20 ppm