

# TECHNICAL DATA SHEET



Trade name : d-TETRAMETHRIN

## CHEMICAL IDENTIFICATION

### Nomenclature

ISO 1750 : Tetramethrin (mixture of stereoisomers)  
IUPAC : (1,3-dioxo-1,3,4,5,6,7-hexahydro-2H-isoindol-2-yl)methyl (1R)-cis,trans-2,2-dimethyl-3-(2-methylprop-1-en-1-yl)cyclopropanecarboxylate  
CAS (9<sup>th</sup> Cl) : Cyclopropanecarboxylic acid, 2,2-dimethyl-3-(2-methyl-1-propenyl), (1,3,4,5,6,7-hexahydro-1,3-dioxo-2H-isoindol-2-yl) methyl ester, (1R)  
Others : d-TTM

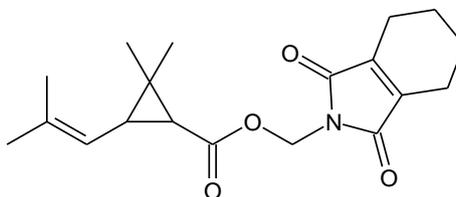
CAS number : 548460-64-6  
: 7696-12-0 (alternatively used in Mexico)

EC number : 947-513-4

Molecular formula : C<sub>19</sub>H<sub>25</sub>NO<sub>4</sub>

Molecular weight : 331.41

Structural formula :  
(unspecified stereochemistry)



## PRODUCT SPECIFICATIONS

Purity (ENDQC-91 method by HRGC) : 92.0 % w/w min.

Isomeric distribution

cis/trans-chrysanthemates ratio : 20 (±5)/80(±5)

d-chrysanthemates : 93.0 % min.\*

Acidity number (ENDQC-96 method) : 5.0 mg KOH/g max.

Appearance (ENDQC-94 method) : Yellow to brown viscous liquid or semisolid mass

\* Relative % of isomers

*NOTE: Endura reserves the right to make amendments to the data reported in this sheet either in compliance to any official body's updating or in agreement with Internal Company decisions. The reported information is, to the best of our knowledge, as accurate and complete as possible and is given in good faith but without warranty from our part. Any use for Registration purposes must be authorised by Endura in advance.*

# TECHNICAL DATA SHEET



Trade name : d-TETRAMETHRIN

## ADDITIONAL INFORMATION

Odour : Slightly aromatic

Relative density : 1.09 at 20°C

Vapour pressure : <0.027 mPa at 25 °C

Solubility : Practically insoluble in water  
Soluble in most common organic solvents

Partition coefficient (Log Pow) : 5.06 at 25 °C

*NOTE: Endura reserves the right to make amendments to the data reported in this sheet either in compliance to any official body's updating or in agreement with Internal Company decisions.  
The reported information is, to the best of our knowledge, as accurate and complete as possible and is given in good faith but without warranty from our part. Any use for Registration purposes must be authorised by Endura in advance.*