



PRODUCT SPECIFICATIONS

NAME: **PERMETHRIN (MEDICAL GRADE)**
3 - (2,2 - Dichloroethenyl) -
2,2 - dimethylcyclopropanecarboxylic acid -
(3 - phenoxyphenyl) methyl ester

CAS NO.: [52645 - 53 -1]

EC NO.: 2580679

UN NO.: 3077

MOL. FORMULA: $C_{21}H_{20}Cl_2O_3$

MOL. WEIGHT: 391.29

SPECIFICATIONS:

SR. NO.	TESTS	LIMITS
1	Isomer Ratio	Permethrin medical grade consist of cis and trans isomers where Cis Isomer content is not more than 28 % by G.C.
2	Description	A yellow to light Orange - brown, low melting solid or a liquid.
3	Identification	IR spectrum matches with that of std.
4	Sulphated Ash	Not more than 0.2 %
5	Assay requirement	Cis and trans permethrin not less than 95% and Cis isomer not more than 28 % when determined by gas liquid chromatography.

USES: This is synthetic pyrethroid used as pediculicide, Antilice and anti scabies.