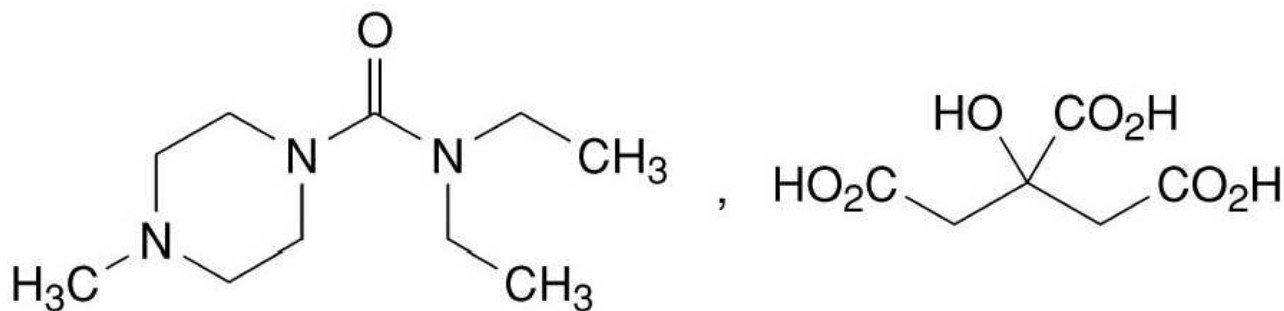


M/S. BIMAL PHARMA PVT. LTD . MUMBAI (INDIA)	FINISHED PRODUCT INFORMATION
QUALITY CONTROL AND ASSURANCE	PRODUCT : DIETHYL CARBAMAZINE CITRATE (DCC)
MSDS no. BPPL 066	SPECIFICATION NO. RM 066

1. NOMENCLATURE : N,N-Diethyl-4- Methyl Piperazine
1- Carboxamide Dihydrogen Citrate.
: N,N-Diethyl-4- Methyl Piperazine
1-Carboxamide Dihydrogen 2- Hydroxy
propane – 1,2,3 Tricarboxylate.
2. CAS NO. : 1642-54-2
3. EMPIRICAL FORMULA : C₁₀H₂₁N₃O.C₆H₈O₇
4. MOL. WT. : 391.42
5. STRUCTURAL FORMULA :



6. DESCRIPTION : A White, Crystalline Powder, Slightly
Hygroscopic.
: Very soluble in Water, soluble
in Alcohol, Practically insoluble in Acetone
and in Ether.
7. THERAPEUTIC USE : Anthelmintic.

M/S. BIMAL PHARMA PVT. LTD . MUMBAI (INDIA)	FINISHED PRODUCT PHARMACOPOEIAL SPECIFICATIONS
QUALITY CONTROL AND ASSURANCE	PRODUCT : DIETHYL CARBAMAZINE CITRATE (DCC) BP / USP
MSDS no. BPPL 066	SPECIFICATION NO. RM 066

1. DESCRIPTION : A White Crystalline Powder, Odourless, slightly Hygrascopic.
2. SOLUBILITY : Very soluble in Water, Sparingly soluble in Alcohol, Practically insoluble in Acetone, in Chloroform and in Ether.
3. IDENTIFICATION : A) BY IR Absorption Spectrum.
B) BY TLC.
C) By Test for Citrates.
4. DI METHYL PIPERAZINE & METHYL PIPERAZINE (Impurities) : By TLC.
NMT 0.2%.
5. CLARITY & COLOUR OF SOLUTION (APPEARANCE OF SOLUTION) : 10% solution in Water is not more opalscent and should not be more intensely coloured when compared with Reference Solution BY₆.
6. WATER (By K. F) (Loss on Drying) : Max. 0.5%.
7. RESIDUE ON IGNITION (Sulphated Ash) : Max. 0.1%.
8. HEAVY METALS : Max. 20 ppm.
9. ASSAY (on Anhy. Basis) of C₁₀H₂₁N₃O.C₆H₈O₇. : 98% to 101.5%
10. PACKING : 25 Kgs. Fibre drums, with double PE liners.
11. SHELF LIFE : 5 Years from the date of Mfg.