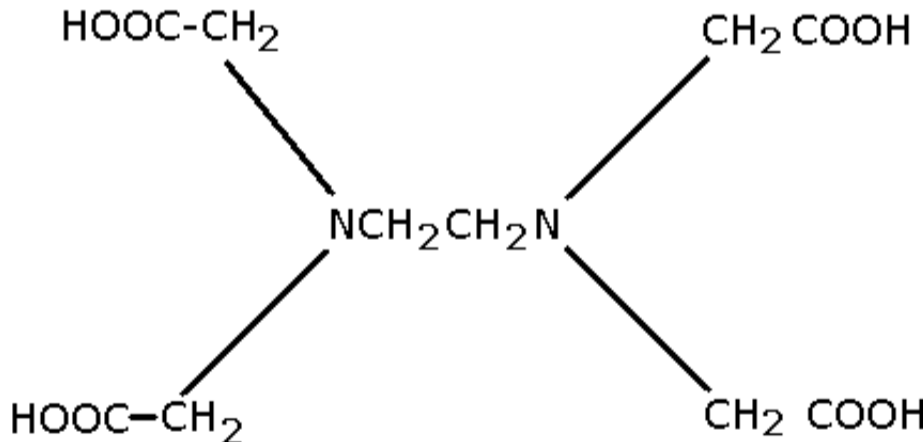




M/S. BIMAL PHARMA PVT. LTD MUMBAI (INDIA)	FINISHED PRODUCT INFORMATION
QUALITY CONTROL AND ASSURANCE	PRODUCT : E.D.T.A. ACID (ACS GRADE)
MSDS No. BPPL 001 (Available on Request)	SPECIFICATION No. : FP 001 (Enclosed)

1. **NOMENCLATURE** : Ethylenedinitrilo Tetra Acetic Acid.
: Ethylene Diamine Tetra Acetic Acid.
: Acidum Edeticum.
2. **CAS NO.** : 60-00-4
3. **HSN CODE** : 29224990
4. **EMPIRICAL FORMULA** : C₁₀ H₁₆ N₂ O₈
5. **MOL. WT.** : 292.24
6. **STRUCTURAL FORMULA** :


The structural formula shows a central NCH₂CH₂N group. Four lines radiate from this central group to four CH₂COOH groups, representing the four carboxylic acid arms of the molecule.
7. **PHYSICAL PROPERTIES**
MELTING RANGE : 240°C (With Decomposition)
BULK DENSITY : 0.60 gm/cm³ - 0.65 gm/cm³
8. **APPLICATION** : As a Biochemical Reagent, LR / AR / ACS Reagent in Laboratories.

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1. **DESCRIPTION** : Snow White Crystalline Powder.
: Free Flowing
2. **PURITY (ASSAY)** : Minimum 99.0%
3. **IDENTIFICATION (By FTIR)** : Confirms
4. **CALCIUM (Ca)** : 0.001% Max. (10 ppm)
5. **IRON (Fe)** : 0.005% Max. (50 ppm)
6. **SULPHATE (SO₄)** : 0.005% Max. (50 ppm)
7. **SULPHATED ASH** : Max. 0.2%
(Residue after ignition)
8. **NH₃ INSOLUBLE MATTER** : 0.005% Max. (50 ppm)
9. **LOSS ON DRYING** : 0.5% Max.

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- 10. NTA ACID** : 0.1% Max. (1000 ppm)
- 11. LEAD (Pb)** : 0.001% (10 ppm)
- 12. MAGNESIUM (Mg)** : 0.0005% Max. (5 ppm)
- 13. PACKING** : 25 kgs. Multi Wallpaper Bags / 25 kgs. Fibre Drum /
25 kgs. HM-HDPE Blue Drum
with single LDPE Liners.