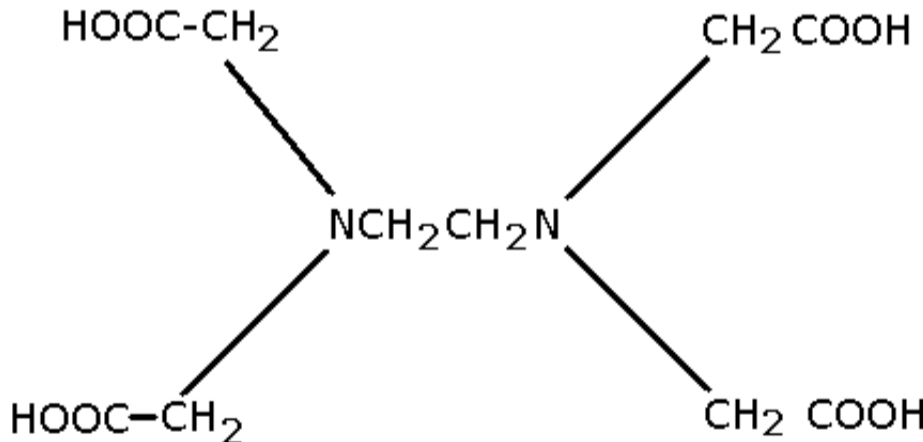




M/S. BIMAL PHARMA PVT. LTD MUMBAI (INDIA)	FINISHED PRODUCT INFORMATION
QUALITY CONTROL AND ASSURANCE	PRODUCT : E.D.T.A. ACID (AR GRADE)
MSDS No. BPPL 001 (Available on Request)	SPECIFICATION No. : FP 001 (Enclosed)

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 ethylenediamine core, NCH₂CH₂N, with four acetic acid groups (CH₂COOH) attached to the nitrogen atoms. The groups are arranged in a cross-like pattern: HOOC-CH₂ at the top-left, CH₂COOH at the top-right, HOOC-CH₂ at the bottom-left, and CH₂COOH at the bottom-right.
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.

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

1. **DESCRIPTION** : Snow White Crystalline Powder.
: Free Flowing
2. **PURITY (ASSAY)** : Minimum 99.0%
3. **IDENTIFICATION (By FTIR)** : Confirms
4. **SODIUM (Na)** : 0.005% Max.
5. **CALCIUM (Ca)** : 0.005% Max.
6. **IRON (Fe)** : 0.0005% Max.
7. **POTASSIUM (K)** : 0.005% Max.
8. **SULPHATE (SO₄)** : 0.005% Max.
9. **ORGANIC VOLATILES** : Absent
10. **NH₃ INSOLUBLE MATTER** : 0.005% Max.
11. **LOSS ON DRYING** : 0.1% Max.
12. **CHLORIDE (CL)** : 0.02% Max.

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

- 13. NTA ACID** : 0.05% Max.
- 14. LEAD (Pb)** : 0.0005%
- 15. MAGNESIUM (Mg)** : 0.005% Max.
- 16. ADDITIONAL SPECIFICATIONS**
- a) Sodium Content** : Always less than 0.002%.
 - b) Calcium Content** : Always less than 0.002%.
 - c) Potassium Content** : Always less than 0.003%.
 - d) Magnesium Content** : Always less than 0.0005%.
- 17. PACKING** : 25 kgs. Multi Wallpaper Bags / 25 kgs. Fibre Drum / 25 kgs. HM-HDPE Blue Drum with single LDPE Liners.