



M/S. BIMAL PHARMA PVT. LTD MUMBAI (INDIA)	FINISHED PRODUCT INFORMATION
QUALITY CONTROL AND ASSURANCE	PRODUCT : E.D.T.A. ACID (BP/ EP/ USP/ JP)
MSDS No. BPPL 091 (Available on Request)	SPECIFICATION No. : FP 091 (Enclosed)

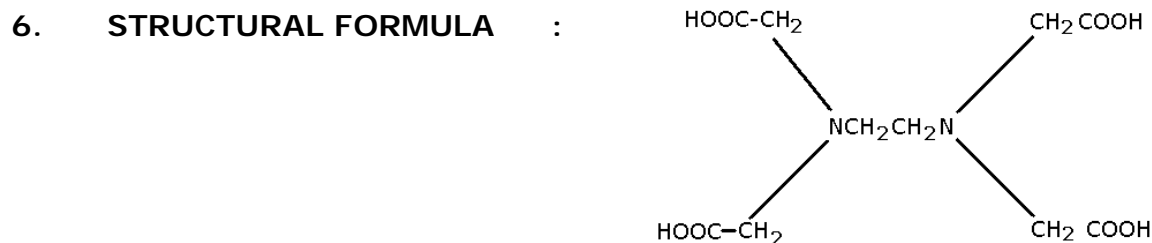
1. **NOMENCLATURE** : Ethylenedinitrilo Tetra Acetic Acid.
: Ethylene Diamine Tetra Acetic Acid.
: Acidum Edeticum.

2. **CAS NO.** : 60-00-4

3. **HSN CODE** : 29224990

4. **EMPIRICAL FORMULA** : $C_{10}H_{16}N_2O_8$

5. **MOL. WT.** : 292.24



7. **PHYSICAL PROPERTIES**

MELTING RANGE : 240°C (With Decomposition)
BULK DENSITY : 0.60 gm/cm³ - 0.65 gm/cm³

8. **APPLICATION IN** : As a Biochemical reagent, LR / AR / ACS reagent in laboratories.

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1. **DESCRIPTION** : Snow White Crystalline Powder.
: Free Flowing.
2. **SOLUBILITY** : Very Slightly soluble in water;
and also in Ethanol (96%).
: It dissolves in Dilute solutions of
Alkali Hydroxides.
3. **CLARITY
(Appearance of Solutions):** 5% w/v solution in Dilute
Sodium Hydroxide Solution is clear and colorless.
4. **LOD (Loss on Drying)** : 0.1% Maxi.
5. **PURITY (ASSAY)** : 98.0% TO 101.0%
6. **IMPURITIES PROFILE**
 - IRON (Fe)** : Maxi. 80 ppm
 - CHLORIDES (CL)** : Maxi. 200 ppm
 - HEAVY METALS** : Maxi. 20 ppm
 - SULPHATED ASH** : Maxi. 0.2%
 - NITRILO TRI ACETIC
ACID (NTA) (By HPLC)
(IMPURITY A)** : Maxi. 0.1%
7. **PACKING** : 25 Kgs. Fibre Drum with double PE Liners.

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8. ADDITIONAL SPECIFICATION

- a) **IMPURITY OF NTA** : Always less than 0.05%.
(Nitrilo Tri Acetic Acid)
- b) **Purity** : Always more than 99%.
- c) **Sulphated Ash** : Always less than 0.08%.