



M/s. Bimal Pharma Pvt. Ltd.
(ISO 9001 : 2015 & AEO T1 Certified Co.)



International Customs Cert.

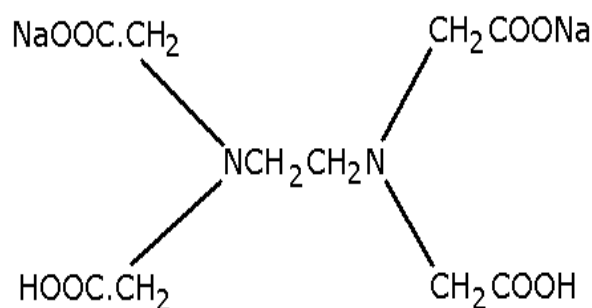
DI SODIUM E.D.T.A.

(DI SODIUM EDETATE)

(FOOD GRADE) (FCC)

- (1) **NOMENCLATURE** : Edetate Di Sodium
: Ethylene Diamine Tetra Acetic Acid Di Sodium Salt.
- (2) **EMPIRICAL FORMULA** : $C_{10}H_{14}N_2Na_2O_8, 2H_2O$
- (3) **CAS NO.** : 6381 – 92 – 6 (Dihydrate)

(4) **STRUCTURE** :



(5) **MOL.WT.** : 372.24 (Dihydrate)

(6) **PHYSICAL PROPERTIES**

MELTING RANGE : 250°C –253°C
(With Decomposition)

BULK DENSITY : 0.65 gm/cm³ - 0.70 gm/cm³



Membership No. :
0421 0324 PRI 0997

(7) PRODUCT SPECIFICATIONS (AS PER FCC)

DESCRIPTION : Snow White Crystalline Powder.
: Slightly bitter in Taste.
: **Free flowing.**

PURITY (ASSAY) : NLT 99.0% and NMT 101.0%

WATER CONTENT (By K.F.) : 8.7% - 11.4% w/w

IDENTIFICATION

a) **Flame Test** : Complies
b) **Chemical Test** : Complies
c) **IR** : Complies

IMPURITIES PROFILE :

NITRILIO TRIACETIC ACID (NTA) (BY HPLC) : 0.1% Maximum.

CALCIUM : Absent.

HEAVY METALS (LEAD) : Not more than 10 ppm.

IRON : Not more than 10 ppm.

PH (1% w/v Solution) : 4.3 to 4.7

SOLUBILITY : Soluble in 10 parts of water
: Insoluble in Chloroform & Ether.

COLOUR & CLARITY : 5% w/w Solution in CO₂ – free water is Clear and Colourless.

(8) PACKING : 25 Kgs. Multi Wallpaper Bags with single LDPE Liners.



EST. 1907

Membership No. : PVT4720



FEDERATION OF INDIAN EXPORT ORGANISATIONS

Setup By Ministry of Commerce, Government of India

RCMC No. : WR/1830/2018-2019



Sourcing Enterprise

Membership No. :

AECCI/MEM/17-18/070

