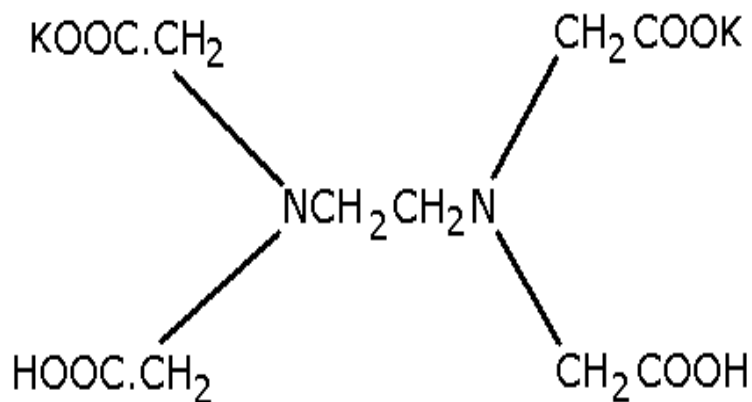


M/S. BIMAL PHARMA PVT. LTD . MUMBAI (INDIA)	FINISHED PRODUCT INFORMATIONS
QUALITY CONTROL AND ASSURANCE	PRODUCT : EDTA DI POTASSIUM SALT
MSDS no. BPPL 064	SPECIFICATION NO. FP 064

1. NOMENCLATURE : Edetate Di Potassium.
: Ethylene Diamine Tetra Acetic Acid
Di Potassium. (Dihydrate)
2. CAS NO. : 25102-12-9
3. EMPIRICAL FORMULA : $C_{10} H_{14} N_2 K_2 O_8, 2H_2O$
4. MOL. WT. : 404.47 (Dihydrate)
5. STRUCTURAL FORMULA :



6. MELTING RANGE : 255°C –280°C
(With Decomposition)
7. BULK DENSITY : 0.65 gm/cm³ – 0.70 gm/cm³
8. DESCRIPTION : Pure White Crystalline Material.
: Free Flowing.
9. THERAPEUTIC USE : Chelating agent used for Industrial and
personal care applications.
: For R & D use only. Not for Drug,
Household or other uses.
: Laboratory Reagent.

M/S. BIMAL PHARMA PVT. LTD . MUMBAI (INDIA)	FINISHED PRODUCT IN-HOUSE SPECIFICATIONS
QUALITY CONTROL AND ASSURANCE	PRODUCT : EDTA DI POTASSIUM SALT (AR / ACS GRADE)
MSDS no. BPPL 064	SPECIFICATION NO. FP-064

1. DESCRIPTION : Pure White Crystalline Material.
: Free Flowing.
2. SOLUBILITY : Soluble in 10 parts of water
: Insoluble in Chloroform & Ether.
3. CLARITY & COLOUR OF SOLUTION : 5% w/w solution in CO₂ – free water is
(APPEARANCE OF SOLUTION) Clear and Colourless.
4. WATER CONTENT : 8.5% - 9.5% w/w
(By K.F.) (LOD) (At 150°C, 6 hrs)
Loss On Drying
5. HEAVY METALS (As Pb) : Not more than 0.0005% (5 ppm).
6. CHLORIDES (Cl) : Not more than 0.004% (40 ppm).
7. SULPHATES (SO₄) : Not more than 0.01% (100 ppm).
8. IRON CONTENT (Fe) : Not more than 0.0005 (5 ppm)
9. NITRILLO TRIACETIC ACID (NTA) (By HPLC) : Not more than 0.05% (500 ppm).
10. SUBSTANCES INSOLUBLE : Not more than 0.003% (30 ppm).
IN WATER
11. CALCIUM CONTENT : Not more than 0.002% (20 ppm).
12. CYANIDE (CN⁻) : Not more than 0.001% (10 ppm).
13. COPPER CONTENT : Not more than 0.0001% (1 ppm).
14. ARSENIC : Not more than 0.0001% (1 ppm).
15. PH (5% w/v Solution) : 4.20 to 4.80.

M/S. BIMAL PHARMA PVT. LTD . MUMBAI (INDIA)	FINISHED PRODUCT IN-HOUSE SPECIFICATIONS
QUALITY CONTROL AND ASSURANCE	PRODUCT : EDTA DI POTASSIUM SALT (AR / ACS GRADE)
MSDS no. BPPL 064	SPECIFICATION NO. FP-064

16. PURITY (ASSAY) : Minimum 99.0% to 101%.

ADDITIONAL SPECIFICATIONS:

a) NTA CONTENT : Almost Nil.
(Impurity)

b) CALCIUM CONTENT : Almost Nil.

17. PACKING : 25 Kgs. LD Polythene Bag (800 guage)
with double LDPE Liners.