

EDTA Di Sodium in IRAN



www.bimalpha.com

M/s. Bimal Pharma Pvt. Ltd., Mumbai, India

e : info@bimalpha.com / info@nisiinindia.com

Mob.: 0091- 9702968181 / 9322591096

EDTA Di Sod. : We (& nobody else) offer it highly Fine Crystalline, Free Flowing, Snow White Powder, with Purity Not less than 99.0%.

Introduction : CAS No. : 6381-92-6

HS CODE No.: 29224990

EU No.: E- 386

- Available in Two Forms ;
Anhydrous : CAS No. : 139-33-3 (Mol. wt. : 336.21)
Dihydrate : CAS No. : 6381-92-6 (Mol. wt. : 372.24)
- EDTA Di Sod. Water soluble compound, was first synthesized in 1935.
- After 1950, it was started to be used for "Preventing Heart Disease", being more effective by reducing "Calcium" buildup in the vessels.
- It is used as a Preservative & Chelating / Sequestering Agent.



Specification : Most stringent Quality Controlled product, with Maximum Purity & Minimum Impurities.

- | | |
|---|--|
| • Purity (Assay) : Not less than 99%. (ODB) | • Chloride : Not more than 0.05% |
| • Iron : Not more than 0.001% (10 ppm)
(Generally 5 ppm) | • Sulphate : Not more than 0.1% |
| • Heavy Metals : Not more than 0.001% (10 ppm)
(Generally 5 ppm) | • NTA (Impurity A) : Not more than 0.01% |
| • Water Content : 8.7% - 11.4% w/w | • Calcium : Absent |
| • PH @ 1% solution: 4.0 to 5.0 | • Chelate Value : 260-290 |

Benefits :

- It is generally used in products that have high water content such as Moisturizers & Cleansing Products (Body Washes, Shampoos etc.)
- The primary function is to bind with Metal Ions from the Hard water, to prevent the Metals from being deposited onto the Hair, Scalp and Skin.
- It converts Hard Tap water to soft water which is gentler on the skin.
- It protect the efficacy of Antioxidants (e.g. Vitamin E) present in the formulations by binding with free Metal Ions.
- Since it deactivates the Metal Ions by bonding with them, thus it negates the Ions for the microorganism to feed on and acts as a Preservative to prevent cosmetic products from getting spoilt.
- It is Non- carcinogenic & Non-Toxic. It is dermatologically compatible and does not irritate, sanitize or penetrate into the skin.

- It is commonly used in Neutral to Mildly Acidic Products, e.g. Creams, Lotions & Neutral pH Liquid Soaps and Shampoos.

Both, FDA and CIRE (Cosmetic Ingredient Review's Expert) Panel have declared Di Sod. EDTA as "Safe" and approved its use as Preservatives for Direct addition to Food, Cosmetics and Personal Care products.

Application in :

1) Industrial Applications:

- In Cleaners
- In Detergents
- In Fertilizers
- In Fixer solution for development of Colour Film
- In pH Modifier



2) Personal Care Products (Cosmetic)

- In Bar and Solid Soaps
- In Bath Preparations
- In Creams & Oils
- In Hair Care Products



3) Food Additive & Preservation

4) Pharmaceuticals

Shelf Life : 5 Years

Packing : 25 kgs Multi Wallpaper Bag With double LDPE Liners.