

Tranexamic Acid CAS 1197-18-8 Raw Powder 99% Purity

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Firsky
- Model Number: FS-1197-18-8
- Minimum Order Quantity: 1KG
- Packaging Details: 1kg, 5kg, 15kg, 20kg, 25kg can be packed in different specifications. Packaging can be customized according to customer requirements. Aluminium foil bag and carton.
- Delivery Time: 7-15days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 2000T



Product Specification

- Product Name: Tranexamic Acid
- CAS NO: 1197-18-8
- Purity: 99%
- Shelf Life: 2 Years



Product Description

Specifications:

Product Name:	Tranexamic Acid
Synonyms:	TIMTEC-BB SBB006715;TRANS-4-AMINOMETHYL-1-CYCLOHEXANECARBOXYLIC ACID;trans-4-aminomethylcyclohexane-1-carboxylate;TRANS-4-(AMINOMETHYL)CYCLOHEXANECARBOXYLIC ACID;cyclocapron;cyklokapron;dv-79;emorhalt
CAS:	1197-18-8
MF:	C8H15NO2
MW:	157.21
EINECS:	214-818-2
Melting point	>300 °C (lit.)
Boiling point	281.88°C (rough estimate)
density	1.0806 (rough estimate)
vapor pressure	1.72hPa at 25
refractive index	1.4186 (estimate)
storage temp.	2-8°C
solubility	Freely soluble in water and in glacial acetic acid, practically insoluble in acetone and in ethanol (96 per cent).
form	Crystalline Powder

Description:

Tranexamic acid, CAS 1197-18-8. This powerful compound is widely recognized for its excellent applications in various industries including skin care, pharmaceuticals and textiles.

Skin care and whitening:

Tranexamic acid is a popular ingredient in skin care products for its skin-brightening properties. It helps inhibit the production of melanin, the pigment that causes dark spots and hyperpigmentation. By incorporating tranexamic acid into your skin care formulas, you can deliver products that address uneven skin tone, discoloration, and post-inflammatory hyperpigmentation.

Anti-inflammatory and wound healing:

Tranexamic acid is known for its anti-inflammatory properties, making it a valuable ingredient in pharmaceutical formulations. It helps reduce inflammation and swelling associated with various skin conditions, such as acne, rosacea, and dermatitis. In addition, tranexamic acid promotes wound healing by reducing bleeding and preventing the breakdown of blood clots.

Textile industry:

Tranexamic acid also finds use in the textile industry. It acts as a fixing agent to improve the color fastness of textiles during dyeing. By enhancing color retention, Tranexamic acid ensures textiles maintain a vibrant and long-lasting appearance even after multiple washes. Manufacturers in the textile industry can use tranexamic acid to produce high-quality, colorfast fabrics that meet customer demands for durability and aesthetics.

Stability and compatibility:

Tranexamic acid has excellent stability and compatibility with other ingredients, making it a versatile choice for a variety of formulations. It can be incorporated into creams, serums, lotions, gels and other cosmetic products without affecting their performance. Tranexamic acid's stability ensures your product maintains efficacy throughout its shelf life, providing customers with consistent results and a positive experience.

Research and Innovation:

Tranexamic acid is the product of continuous research and innovation in the field of chemical compounds. Its diverse applications and advantages have been extensively researched and proven.

Application:

Tranexamic acid, CAS 1197-18-8, has multiple applications in different industries. Here are some of the main applications of tranexamic acid:

1.drug:

Tranexamic acid is mainly used in the pharmaceutical industry. It is a synthetic derivative of the amino acid lysine and has antifibrinolytic properties. Tranexamic acid helps prevent excessive bleeding by inhibiting the breakdown of blood clots. It is commonly used in surgical, dental procedures and trauma cases to control bleeding and reduce the need for blood transfusions. Tranexamic acid is also used to treat heavy menstrual bleeding and as supportive therapy for certain bleeding disorders.

2.Skin care and cosmetics:

Tranexamic acid is popular in the skin care and cosmetics industry for its skin lightening and whitening properties. It helps inhibit the production of melanin, which causes hyperpigmentation and uneven skin tone. Tranexamic acid is used in topical skin care products such as creams, serums, and spot treatments to address skin discoloration, melasma, and post-inflammatory hyperpigmentation. It promotes a more even skin tone and helps reduce the appearance of dark spots and blemishes.

3.Dental applications:

In dentistry, Tranexamic acid is used for its hemostatic properties. It helps control bleeding during oral surgery, tooth extractions, and other dental procedures. Tranexamic acid mouthwash or gel is applied topically to the surgical site to minimize bleeding and promote faster healing. Its use in dental applications helps reduce the risk of postoperative

complications and improves patient comfort.

4.To prevent bleeding:

Tranexamic acid is also used to prevent or reduce bleeding in various medical conditions. It is often used in people with hemophilia or other bleeding disorders to reduce the severity and frequency of bleeding events. Tranexamic acid is given by mouth or intravenously to help maintain blood clots and prevent excessive bleeding.

5.Special medicine for veterans:

Tranexamic acid also has applications in veterinary medicine. It is used in animals to control bleeding during surgery or in traumatic situations. Tranexamic acid helps prevent excessive bleeding and supports the clotting process, improving outcomes and reducing complications from veterinary surgery.

6.other apps:

In addition to the applications mentioned above, the potential of tranexamic acid in other areas has also been explored. It has been studied for the treatment of cyclic vomiting syndrome, hereditary angioedema, and uterine bleeding. Research is ongoing exploring its use in controlling bleeding and improving patient outcomes in a variety of medical conditions.

Tranexamic acid, CAS 1197-18-8, offers valuable applications in the pharmaceutical, skin care, dental and veterinary fields. Its ability to control bleeding and inhibit melanin production makes it a versatile compound that addresses a variety of medical and aesthetic problems. Ongoing research and innovation continue to expand its potential applications in different fields of medicine and beyond.



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