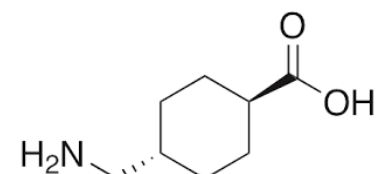


# Technical Data Sheet

## SinoWhite TXA

Tranexamic acid  
CAS# 1197-18-8



Mol. wt. 157.21  
Formula C<sub>8</sub>H<sub>15</sub>NO<sub>2</sub>

### Feature

- Skin Whitening
- Anti-allergy
- Anti-inflammatory

### Description

SinoWhite TXA is a synthetic derivative of the Amino Acid Lysine. It inhibits the activation of the gradation of fibrin and melanin synthesis. It has properties for anti-inflammatory & Skin brightening properties.

### Specifications

Item	Specification
Appearance	White crystalline powder
Solubility	Soluble in water and glacial acetic acid, almost not soluble in ethanol and acetone (96%)
Assay (%)	99.0 ~ 101.0
Identification	Infrared absorption map complies with the tranexamic acid
pH	7.0 ~ 8.0
Loss on drying (%)	≤ 0.5
Residue on ignition (%)	≤ 0.1
Sulphate Ash (%)	≤ 0.1
Heavy metals (ppm)	≤ 10
Arsenic (ppm)	≤ 2
Chlorides (ppm)	≤ 140
Related substance (%)	
Impurity A	≤ 0.1000
Impurity B	≤ 0.2000
Impurity C	≤ 0.1000
Impurity D	≤ 0.1000
Total Impurities (except A, B)	≤ 0.2000

**Complies with BP 2019**

## Applications

SinoWhite TXA is suitable to all kinds of skin for removing pigmentation and reducing spots. Therefore, it can be applied to skin-whitening lotions, creams, milky lotions, facial packs and scalp care cosmetics.

**Storage**      Keep container tightly closed in a dry and well-ventilated place.

**Shelf life**    2 years