

iWHITE TA

INCI Name (US): Tranexamic Acid

INCI Name (EU): Tranexamic Acid

CAS #: 1197-18-8

**General Information/
Characteristics:**

Tranexamic Acid (TA) is a skin whitening agent which also inhibits protease and stops melanin production by inhibiting tyrosinase activity. This synthetic amino acid that functions as a skin conditioning agent also serves as an astringent and has proven effective action against UV-induced hyperpigmentation.

Benefits / Application:

Skin care benefits:

- Whitening/lightening action.
- Favorable adhesion and moisturization.
- Impart skin a lubricous, moist and gracious feeling.

Applications:

- Whitening/lightening creams and lotions.
- Astringents/lotions.
- Facial cleansers/scrubs.

Formulations Advices:

The reference addition is 0.5~3%. Easily dissolves in water. About 1:6 under normal temperature. As skin lightening and anti-aging ingredient may be used in cosmetics. The effect will be better as it used together with iWhite RKG.

Regulatory Status:

No specific regulations.

**Physical-Chemical
Properties:**

Appearance Crystal powder, odorless.

Color: White or almost white.

pH value: 7.0-8.0

Heavy metals: $\leq 0.002\%$

Loss on drying (%) $\leq 0.5\%$

Assay content: 99.0 - 101%

**These values indicate typical specification; they are not intended to be used as product specifications*

Additives:

No applicable

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Shelf Life / Storage Conditions:

3 - year validity. Store in room temperature, dry place away from light.

Packaging:

1 kg*20 aluminum foil bag or 20kg plastic bag.

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