

TECHNICAL DATA SHEET

SpecWhite® TA (Tranexamic Acid)

Product No.: 110015

Introduction:

SpecWhite® TA is a synthetic derivative of lysine with a structure partially similar to that of tyrosine. Confirmed by clinical trials, it is suitable for all kinds of skin and can remove pigmentation, whitening, and lighten spots, such as, pigmentation after sun exposure, dark spots (chloasma, freckles, senile lentils, etc.), sensitive skin, acne and inflammation, postoperative care after laser, pulse light treatment, etc. Thus SpecWhite® TA can be recommended for cream, lotion, essence, facial mask and other products.

Composition:

NICI Name: Tranexamic Acid

CAS No.: 1197-18-8

EC No.: 214-818-2

Specification:

Items	Specification
Characteristics	A white crystalline powder, freely soluble in water and in glacial acetic acid, practically insoluble in alcohol and in acetone
Identification	IR
Loss on drying	Not more than 0.5%
pH (5% water solution)	7.0-8.0
Related substance	Impurity A: $\leq 0.1\%$
	Impurity B: $\leq 0.2\%$
	Any other impurity: $\leq 0.1\%$
	All other Impurities: $\leq 0.2\%$
Chlorides	$\leq 140\text{ppm}$
Assay	99.0-101.0%
Sulphated ash	$\leq 0.1\%$

Total plate count	≤1000cfu/g
Yeast & mould	≤100cfu/g
Pb	≤10mg/kg
As	≤2mg/kg
Hg	≤1mg/kg
Cd	≤5mg/kg
Conclusion	Conform with BP2017

Application:

Whitening, lighten spots and etc.

Dosage:

0.5-3.0% (varies in different countries, refer to local regulations)

Storage:

Store at room temperature. Keep container tightly closed in a dry and well-ventilated place.

Shelf life:

3 years

Package:

1kg, 25kg

Issued by: *Lilia*

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