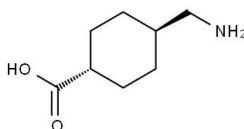


Product Information

Product Name	Tranexamic Acid
Chemical Name	trans- 4- (Aminomethyl)cyclohexanecarboxylic acid
INCI Name	TRANEXAMIC ACID
CAS Number	1197-18-8
EINECS Number	214-818-2
Molecular Weight	157.21
Molecular Formula	C ₈ H ₁₅ NO ₂
Structural Formula	

Properties

Tranexamic Acid exhibits desirable whitening, anti- inflammatory and hemostatic properties. It is widely used in cosmetics and pharmaceutical industries, especially for ameliorating hyperpigmentation and cutaneous dullness.

Technical Specifications

No.	Test Item	Specification	
		LSL	USL
1.	Appearance	Crystalline powder	
2.	Odor	Data not available	
3.	Vapor Pressure	1.72 hPa (25°C)	
4.	Visual Color	White	
5.	pH Value (1% aqueous dispersion, 25°C)	Data not available	
6.	Melting Point Range, °C	> 300 °C (decomposition)	

Applications

- Cosmetics: Used as whitening agent and skin conditioning agent
- Pharmaceuticals: Applied for hemostasis and antifibrinolysis

- Food industry: Rarely used

Product Efficacy

- Excellent whitening and spot- fading performance
- Favorable anti- inflammatory and hemostatic effects
- Improves melasma and post- acne marks
- Good water- solubility for easy formulation processing
- High safety profile
- Excellent compatibility with other ingredients
- Wide applicability, suitable for diverse cosmetic formulations

Packaging: Available package sizes: 1 kg, 5 kg, 25 kg. Packaging material: High-Density Polyethylene (HDPE) or aluminium- foil bags.

Handling & Storage

Handling Conditions: Handle Tranexamic Acid in well- ventilated surroundings and avoid dust accumulation. Wear respirators and safety goggles during operation to prevent dust inhalation and eye contact.

Storage Conditions: Store in cool, dry and well- ventilated warehouses. Protect from direct sunlight. Keep containers hermetically sealed to avoid moisture absorption and contamination. Keep away from strong oxidizing agents and acids.