



Specialized in chemicals

Hefei TNJ Chemical Industry Co.,Ltd.

B911 Xincheng Business Center,
Qianshan Rd. Hefei 230022 China

Tel : (0086) 551 5418677

Fax: (0086) 551 5418697

Email: info@tnjchem.com

Site: www.tnjchem.com

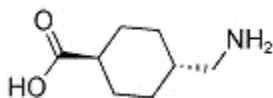
Technical Data Sheet

Tranexamic acid

Product Information

| | |
|------------------|--|
| Chemical Name | Tranexamic acid |
| CAS # | 1197-18-8 |
| EINECS | 214-818-2 |
| Formula | C ₈ H ₁₅ NO ₂ |
| Molecular Weight | 157.21 |
| Synonyms | Cyklokapron; Transamin; Transansamin; Trans-4-aminomethyl cyclohexanecarboxylic acid; |

Chemical Structure



Description

Tranexamic acid is a kind of white crystalline powder; odorless, bitter taste, soluble in water, insoluble in ethyl alcohol, ether and chloroform;

Physical Properties

| | |
|------------------------------|-----|
| Melting point, °C . | 300 |
| Water solubility @ 20°C, g/l | 1/6 |

Specification

| Item | CP/ BP/USP Grade |
|--|------------------|
| Assay, % min. | 99-101 |
| PH value, max. | 7.0-8.0 |
| Loss on drying, % max. | 0.50 |
| Related substances(HPLC), % max. (Impurity A) | 0.1 |
| Impurity B, % max. | 0.2 |
| Any other impurity, % max. | 0.1 |
| All other impurity, % max.(except A, B) | 0.2 |
| Chloride. % max. | 0.014 |

| | |
|------------------------|-----|
| Sulfate ash, % max. | 0.1 |
| Heavy metals, ppm max. | 10 |

Safety

Tranexamic acid is a stimulating substance, however it is common goods on transportation;
Always refer to the Material Safety Data Sheet (MSDS)

Applications

Tranexamic acid can be used as:

- pharmaceutical raw material for coagulant;
- cosmetic raw material for skin withening;

Packaging

25kg per fiber drum with 1kg per vacuum pp inner-bag;
9mt per 20ft container

Storage & Handling

Tranexamic acid should be kept away from heat and sources of ignition. Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchant ability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we has been advised of the possibility of such damages.

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