

ALLANTOIN

CAS No.:97-59-6

Mol. Formula.:C₄H₆O₃N₄

Molecular weight: 158.12

Specification:

Item	Specification
Characteristic	White crystalline powder
Odor	Characteristically mild
Identification	Meets The Requirements
Angular Rotation	-0.10° ~ +0.10°
Acidity Or Alkalinity	Conform
Loss On Drying	≤0.1%
Residue On Ignition	≤0.1%
Reducing Substances	Complies
Related Compounds	≤0.5%
Assay	98.5 ~ 101.0%

Property &Application:

It is white crystal, odorless and smellless, can dissolve in sparse ethanol and glycerin, but not in ethanol, chloroform, aether and other organic solvents, a little dissolve in cold water, but when temperature is high, it can easy dissolve.

The PH value of its saturated aqueous solution is 5.5.

It can be directly used in pharmaceuticals, and also can being additive to use, to cure various skin disease, accelerate the growing of skin cell, improve the healing of wound and ease pain. Usually was used to cure gastritis and duodenum ulcer disease.

In light industry, being additive, it can be directly or indirectly used in cosmetics and other daily chemical products, such as toothpaste, shampoo, soap etc. It has good functions of lubricating, protecting tissue, hydrophile and preventing water from dissipating.

In agriculture, it was used as plantation growth hormone, to increase production of wheat, orange, rice, vegetable and etc. It has function of fixing fruit, ripening and etc., and it is also a necessary material to make composite fertilizer, microorganism fertilizer, slow-release fertilizer or low-effect fertilizer and fertilizer of rare earths.

Further, it can be used as material to make vanillin, hydroxy benzhexol and etc

Packing :25kg net in cardboard drum.