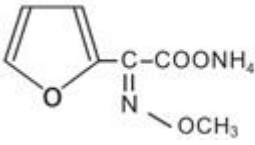


Name	Structure	CAS No.	Spec.
SMIA		97148-39-5	99.0%

Nature

Similar white or light yellowish solid crystalline powder. Odorless. Melting point 182 °C. Easily dissoluble in water, Methanol, Ethanol. Not dissoluble in Acetone, Toulene. The Chemical characteristic is not stable. It is easy oxide under the air and humidity condition, especially the color obviously changed from white to red or brown.

Application

Raw material for Cefuroxime.

Packing

Inside 2 layers (one layer is black ,one is white) plastic bags. Out side is fiber drum with net 25Kgs.

Standard

Molecular formula: C₇H₁₀O₄N₂

Molecular weight: 186.17

Items	Specification	
Identification	IR(KBr)	
Water(KF), %≤	0.5	
PH	3.0-7.0	
Cl(as ammonium chloride), %≤	0.5	
Solvent(GC), %≤	0.5	
Assay(HPLC), %≥	98.0	
Color(T)	λ=420nm, %≥	75
	λ=450nm, %≥	85
Impurities(HPLC)	Total impurities: %≤	1.6
	Furoic Acid, %≤	0.1

2-acetylfuran ,%≤	0.2
Anti isomer %≤	0.5
2-furylglyoxylic acid %≤	0.5
Unknown impurities %≤	0.3

Label

The label should be clearly indicate the signal that conform " GM191 regulation label 4 avoiding sunlight and label 6 avoiding rain. The label also indicates the producer name with address, product name, product Date, batch no, net weight.

Handling and storage

In dry condition with the temperature under 10 °C . Away from heating. Avoid The contacting with the oxidant agent , acid and NaOH. The product expiry time is 6 months.