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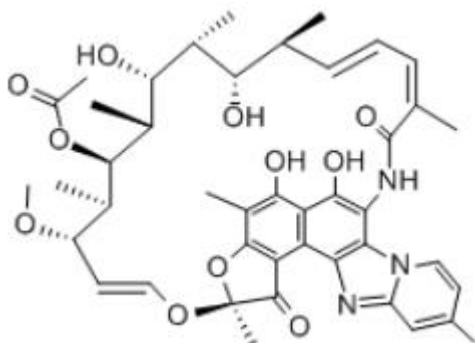
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## Technical Data Sheet

# Rifaximin

### Product Information

Chemical Name	Rifaximin
CAS #	80621-81-4
EINECS	212-006-2
Formula	C <sub>43</sub> H <sub>51</sub> N <sub>3</sub> O <sub>11</sub>
Molecular Weight	785.88
Synonyms	fatroximin;
Chemical Structure	



### Description

An orange powder, Rifaximin is soluble in ethanol, acetic acid, ethyl ester, chloroform and toluene but almost insoluble in water. Rifaximin, an antibiotic, is the derivatives from rifamycin and treatment for Gram-positive bacterium and negative bacteria, aerobic and anaerobic bacteria caused by acute or chronic intestinal infection. It is a kind of high-efficiency, intestinal tract antibiotics.

Rifaximin contains crystal form and non-crystal form. Additionally, alpha-crystal form is the most important one of crystal forms which are widely used for the capsules production.

### Physical Properties

Rifaximin is soluble in ethanol, acetic acid, ethyl ester, chloroform and toluene but almost insoluble in water. Also, this

drug is a kind of material that easily absorbs moisture.

#### Specification

Characters	red-orange to dark red,crystalline powder,odorless, slightly bitter taste.
pH	4.5-7.5
Loss on drying,%	Not more than 4.5
Assay%(on dry basis),%	95.0

#### Safety

In case of reactions described in hazards identification or other severe, immediate or persisting symptoms seek medical advice and call the nearest poison centre. It is common goods on transportation; Always refer to the Material Safety Data Sheet (MSDS)

#### Applications

Rifaximin, an antibiotic, is the derivatives from rifamycin and treatment for Gram-positive bacterium and negative bacteria, aerobic and anaerobic bacteria caused by acute or chronic intestinal infections. It is a kind of high-efficiency, intestinal tract antibiotics.

Rifaximin contains crystal form and non-crystal form. Additionally, alpha-crystal form is the most important one of crystal forms which are widely used for the capsules production. Especially, alpha-crystal form can make the capsule more full compared with non-crystal form in the same weight of a capsule. That is to say, the untapped density of crystal form one is higher than the non-crystal form one.

#### Packaging

25kg per fiber drum, 280 drums per 20ft container without pallets.

#### Storage & Handling

Avoid all unnecessary exposure. Ensure prompt removal from eyes, skin and clothing. RIFAXIMIN CRS is not intended for long-term storage. Keep container tightly closed in a cool, well ventilated place.

Stored away from all heat sources, including direct sunlight, open flame, sources of ignition and sparks, etc.

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