



Specialized in chemicals

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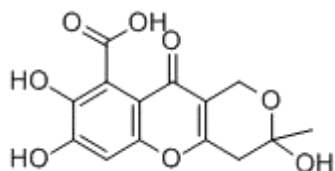
Technical Data Sheet

Fulvic Acid

Product Information

Chemical Name	Fulvic Acid
CAS #	479-66-3
Formula	C14H12O8
Molecular Weight	308.24028
Synonyms	3,4-dihydro-3,7,8-trihydroxy-3-methyl-10-oxo- (6CI);

Structural formula:



Physical Properties

Appearance: Brown Yellow powder, soluble in water

BFA: 95%

PH: 5-6

Trace element: 15%

Amino acid: 10%

Water insoluble: 0.2-0.3%

Moisture: 3-5%

Fineness (mesh), % mix: 150 mesh

Specification

Items	Standard	Result
Appearance	Brown yellow powder, soluble in water	Conforms
A.I content,dry basic	95.0min.	95.09%
N content	None	Not detected
Moisture	3-7%	4.91
PH VALUE	5-6	5.92
Water soluble(dry basis) %	99 min	99.76%
Fineness (mesh),% mix	150 mesh	Conforms

Applications

Benefits

Plant growth regulator

Playing an important role in combating with draught

Improve plant resisitance

Plant yield and quality improvement

The main application plants are: wheat,corn,sweet

potato,millet,rice,cotton,peanut,rape,tobacco,sericulture,melon,fruit,vegetables,etc.

Use level:

0.5-0.75kg/acres for agriculture planting

0.075-0.15kg/acres for aquiculture.

Packaging

Packaging Detail: 25kg/bag, or according to the customers' request

Storage & Handling

Keep in a cool, dry, dark location in a tightly sealed container or cylinder. Keep away from incompatible materials, ignition sources and untrained individuals. Secure and label area. Protect containers/cylinders from physical damage.

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

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