

乙二醛(Glyoxal 40%) ,CAS NO.:107-22-2



分子式 (Molecular formula): C₂H₂O₂

分子量 (Molecular weight): 58.04

Three grade: Formaldehyde ≤ 1000ppm; Formaldehyde ≤ 500ppm; Formaldehyde ≤ 100ppm

物化性质: 无色透明液体或液体浓度较低,密度:1.265 - -1.270,可以溶解与水,微溶于乙醇,乙醚,微溶于酯类、芳香族溶剂.化学性质活泼,乙二醛在水溶液中以水合形式存在。

Physiochemical properties: Colorless transparent liquid or liquid with low chroma, density: 1.265 - 1.270, can be dissolved with water, slightly soluble in ethanol, aether, slightly soluble in esters, aromatic solvents. Active chemical properties.

质量标准 (企业标准) : Quality standard(enterprise standard)

指标名称 (Item)	指标 (Specification)
外观 (Appearance)	无色透明液体 Colorless transparent liquid
色度 Chromaticity(Pt-Co)	≤15 #
乙二醛 Glyoxal	≥40%
甲酸 Formic acid	≤0.15%
乙二醇 Ethylene Glycol	≤1.50%
甲醛 Formaldehyde	≤100PPM

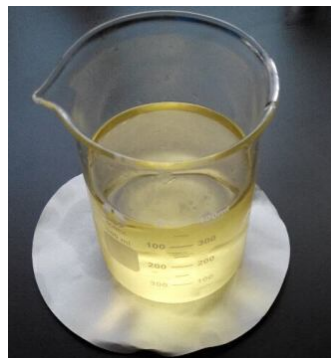
用途: 可以用于制药,造纸、香料、涂料、粘合剂、日用化工等,用它可直接合成咪唑。2-甲基咪唑、对羟基苯乙酸、羟基纤维素、纺织物品整理剂以及防绉免烫树脂、造纸助剂等。

Usage of glyoxal :

- *Used in textile industry,Paint additives,allantoin.
- * Leather industry and making waterproof matches.
- * Organic synthesis of raw materials, Imidazole, antibiotics and vitamin A series product intermediates.
- * Berberine hydrochloride and sulfa drugs sulfanilamide methoxyl pyrazine synthesis.
- * Pest control agent, deodorant, body preservatives, sand mould curing agent.

Packing: 250 kg per plastic drum; 1.2tons per IBC drum; 20 tons per ISO-TANK.

乙醛酸 (glyoxylic acid 50%),CAS NO.:298-12-4



分子结构 (Structural formula) : $\text{H}-\overset{\text{O}}{\parallel}{\text{C}}-\overset{\text{O}}{\parallel}{\text{C}}-\text{OH}$

分子式 (Molecular formula): C₂H₂O₃

分子量 (Molecular weight): 74.04

Grade: glyoxal≤1%;glyoxal≤0.5%;glyoxal≤0.25%; and glyoxal≤0.1%.

物化性质: 本产品为无色或淡黄色液体，能与水混溶，微溶于乙醇、乙醚。不溶于脂类，芳香族类溶剂。该溶液在空气中放置极不稳定但不变质，乙醛酸在水溶液中以水合形式存在，有腐蚀性。

Physiochemical properties: Colorless or light yellow liquid,can be dissolved with water,slightly soluble in ethanol,aether,insoluble in esters and aromatic slovents.This solution is not stable but will not decay in the air,glyoxylic acid is corrosive.

质量标准 (企业标准) : Quality standard(enterprise standard)

指标名称 (ITEM)	指标 (SPECIFICATION)
外观 Appearance	淡黄色液体 Yellowish transparent liquid
乙醛酸 Glyoxylic Acid	50.0%±0.5%
草酸 Oxalic Acid	≤1.0%
硝酸 Nitric Acid	≤0.20%
乙二醛 Glyoxal	≤0.25%

用途: 制作甲基香兰素，乙基香兰素的生产原料。在医药工业应用于抗高血压药物阿替洛尔，D-对羟基苯甘氨酸，等化合物的合成中间体，用作清漆原料、染料、塑料和农业化学品的中间体，也可用于生产胶囊素、尿囊素是抗溃疡的医药产品、日用化学品的

Usage of glyoxylic acid: Used as material for methyl vanillin, ethyl vanillin in flavor industry; used as intermediate for atenolol,D-hydroxybenzeneglycin, broadspectrum antibiotic,amoxicillin(orally taken),acetophenone, amino acid etc.Used as intermediate of varnish material, dyes, plastic, agrochemical, allantoin ;used in daily-use chemical as hair dye,hair care products etc..

Packing: 25 or 250 kg per plastic drum;1.2 tons per IBC drum;20 tons per ISO-TANK.

一水乙醛酸 (glyoxylic acid monohydrate)

CAS NO.:563-96-2



分子式 (Molecular formula): C₂H₄O₄

分子量 (Molecular weight): 92.05

Grade: without glyoxal content

产能 (Capacity):80-100 tons per month.

物化性质: 本产品为类白色固体，能与水混溶，微溶于乙醇、乙醚。有腐蚀性。

Physiochemical properties: White or light yellow solid. Easy soluble in water.

质量标准 (企业标准) : Quality standard(enterprise standard):

指标名称 TESTING ITEMS	指标 SPECIFICATIONS
外观 Appearance	白色或类白色固体 White or light yellow solid
含量 Content	≥98%
酸值 Acid value	≤0.2%
乙二醛含量 Glyoxal content	free
草酸 Formic acid	≤1.0%

用途: 用作医药中间体；用于农药中间体；制作甲基香兰素，乙基香兰素的生产原料；可以用于日用化工，生产染发剂，一次性拉直头发产品等。

Usage: Used as material for methyl vanillin, ethyl vanillin in flavor industry; used as intermediate for atenolol, D-hydroxybenzeneglycin, broadspectrum antibiotic, amoxicillin (orally taken), acetophenone, amino acid etc.. Used as intermediate of varnish material, dyes, plastic, agrochemical, allantoin and daily-use chemical etc..

包装 (Packing) : 25 公斤一个纸板桶, 25 /fiber drum

阿散酸 (Arsanilic acid)



CAS NO.: 98-50-0

分子式 (Molecular formula): C₆H₈AsNO₃

分子量 (Molecular weight): 217.05

Certificate: GMP

质量标准 (企业标准) : technical standard (CP2003)

指标名称 Item	指标 Specifications
外观 Appearance	白色或类白色粉末 White or light yellow Crystalline powder
酸度 Acidity	Pass
氯化钠 sodium chloride	≤0.5%
亚砷酸盐 Arsenite	≤0.025%
砷酸盐 Arsenate	Pass
苯胺 O-Arsanilic acid and aniline	Pass
水分 Loss on drying	≤2.0%
含量 Assay(dry basis)	≥98.5%

用途:

主要用于饲料添加剂和兽药原料。

Usage of Arsanilic acid:

on chickens, Arsanilic acid helps to:

- 1> .promote growth, improve egg production rate, improve feed efficiency, enhance the skin, egg yolk precipitation
- 2> .the inhibition of the ball eggs, mycoplasma, against Escherichia coli.

on Swines, Arsanilic acid helps to:

- 1>. promote growth and improve feed efficiency, make the skin red light.
- 2>.control dysentery

包装: 25 公斤的纸板桶:

Packing: 25kg per fiber drum

四氯吡啶盐酸盐(4-Chloropyridine hydrochloride)

CAS NO.:7379-35-3



分子式 (Molecular formula): C₅H₄ClN.HCl

分子量 (Molecular weight): 150.01

质量标准 (企业标准) : Quality standard(enterprise standard)

指标名称 Item	指标 Specification
外观 Appearance	白色或者淡黄色粉末 White or light yellow powder
鉴定 Identification(by IR)	conforms
含量 Assay	≥99%
湿度 Moisture	≤0.5%
熔点 Melting point	216-235

用途: 用作医药中间体

Usage : Pharmaceutical intermediates

包装 Packing: 25 per fiber drum and two plastic-bags inside

保质期和储存条件 (storage and shelf life):

Storage : store in a well-closed container away from moisture.

Shelf life :2 years if sealed and store away from direct sun light.

2-(2-二乙氨基乙氧基)乙醇 2-(2-Diethylaminoethoxy)Ethanol



>> 化学式及分子量(Cheical formula and molecular weight)

化学式(chemical formula): C₈H₁₉NO₂

分子量(molecular weight): 161.24

CAS 号(CAS NO.): 140-82-9

>> 性能和用途(Properties and uses)

无色液体。沸点 100-104°C (1.33kPa)，相对密度 (20/4°C) 0.941，折光率 1.448。
用于生产镇咳药咳必清等。

Colorless liquid. The boiling point of 100-104 C (1.33kPa), relative density (20/4 C) 0.941, refractive index 1.448.

Pharmaceutical intermediates

>> 质量指标 (Quality specification)

Appearance (外观)	Colorless or pale yellow liquid
Purity (by GC) (含量)	≥99.0%
Water content (by KF) (水分)	≤0.5%

>> 包装及储存条件(Package and condition of storage)

常规包装 : 45kg/桶或根据客户需求。

储存于阴凉、干燥、通风良好的库房。

The normal packing:45kg/drum or according to the customer's demand.

It should be placed in a ventilated and dry place.

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